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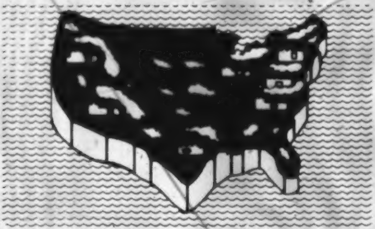
1981
NATIONAL EMISSIONS REPORT



NATIONAL EMISSIONS DATA SYSTEM OF THE AEROMETRIC AND EMISSIONS REPORTING SYSTEM

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Radiation
Office of Air Quality Planning and Standards,
Research Triangle Park, North Carolina 27711

EPA-450/4-83-022

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NATIONAL EMISSIONS REPORT

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National Air Data Branch
Monitoring and Data Analysis Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Radiation
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ABSTRACT

This report summarizes annual cumulative estimates of source emissions of five criteria pollutants: particulates, sulfur oxides, nitrogen oxides, volatile organic compounds, and carbon monoxide. Source emissions data are reported to the U.S. Environmental Protection Agency under provisions of Section 110 of the Clean Air Act, as amended in 1977, and of EPA Regulations, Title 40, Code of Federal Regulations, Part 51.321. Summary data are presented for the Nation as a whole, for individual States, for intrastate and individual interstate portions of Air Quality Control Regions, and for total interstate Air Quality Control Regions.

The data compilations presented result from the operations of the National Emissions Data System (NEDS), which functions as a component of the comprehensive EPA air information system, the Aerometric and Emissions Reporting System (AEROS). AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina.

ACKNOWLEDGMENT

The National Emissions Report series is the result of the generous cooperation and diligent efforts of personnel in many areas of government and private industry. Their contributions are gratefully acknowledged.

1981 NATIONAL EMISSIONS REPORT

Introduction

This report summarizes, by source category, estimates of emissions in 1981 of those air pollutants for which national standards have been promulgated. These pollutants, which are called criteria pollutants, are particulates, sulfur oxides (SO_x), nitrogen oxides (NO_x), volatile organic compounds (VOC), and carbon monoxide (CO). National Emission Reports, which are a series of annual reports, are compiled from information contained in the National Emissions Data System (NEDS) on emission sources. Compilations of emissions data are presented for the Nation as a whole, for individual States, for intrastate Air Quality Control Regions (AQCRs), for respective State portions of interstate AQCRs, and for interstate AQCRs. Figure 1 is a map illustrating AQCR boundaries.

This report represents the best available indicators of national emissions for the calendar year 1981. Table 1 shows EPA-calculated national emissions estimates that are independent of NEDS data for 1981. Readers interested only in national emissions estimates should refer to this table for total national emissions and national emissions for major source category groupings. More detailed emissions summary reports for the Nation, each State, and AQCR, based on NEDS data, are given in Parts A, B, and C, the body of the report. The estimates reported are based on point source records contained in NEDS as of July 1983. State-submitted Annual Reports that were successfuly updated to NEDS files prior to this date are included. Thus, the data are generally comparable to data collected for the development of State Implementation Plans (SIPS), but include revisions and updating information where they are available. The following text sections provide a detailed technical description of the procedures that were used to develop the emissions data.

Emissions Inventory

Much detailed information concerning sources and their operations is needed for the development of the emissions inventory by which the impact of source emissions on an area's air quality can be assessed at the State or local level. The NEDS, operating through the EPA Office of Air Quality Planning and Standards (OAQPS), processes source and emissions information for the entire Nation. Since NEDS operations were initiated in 1971, the National Air Data Branch (NADB) of OAQPS and EPA Regional Offices have been engaged actively in the collection and analysis of air pollutant emissions data. A detailed description of the NEDS and of its methodology for compiling an emissions inventory is available in OAQPS Guideline AEROS Manual Series, Volume II: AEROS User's Manual (EPA-450/2-76-029). Brief discussions of the NEDS basic elements, used for the preparation of the National Emissions Reports, are given below.

NEDS Point-Source File

The NEDS point-source file contains data concerning stationary facilities that are individual emitters of relatively large quantities of one or more air contaminants. A point source is defined for State reporting purposes as a facility at which the annual emissions of any one criteria pollutant equal or exceed 100 tons (90.7 metric tons) per year. For carbon monoxide the minimum size for reporting is 1000 tons (907 metric tons) per year. Nearly all point source data originate at State air pollution control agencies. In general, individual emission points are defined within facilities to represent the emissions from individual stacks and processes. There may be emitting points at a facility that individually have emissions of fewer than 100 tons per year, but emissions from such points are included in NEDS if the criterion of emissions of 100 tons per year for the entire facility is met. Data for other facilities, regardless of emissions, may also be included if the data are reported from State files.

At the time of this report, NEDS contains data from approximately 230,000 emitting points at 55,000 facilities in all States, the District of Columbia, and three territories. Considerable information is stored for each point source. For example, NEDS stores data on annual operating rates, or activity levels, of a process. More specifically, these rates may relate to the amount of fuel consumed by a boiler, quantity of product manufactured in an industrial process, or some comparable measure. Information identifying existing air-pollution control devices and their efficiencies is also recorded. These and similar data are used to determine source emissions according to the procedures outlined in the following discussion of the NEDS emission factor file.

NEDS point-source data are reviewed continually through extensive and cooperative efforts by the National Air Data Branch, the EPA Regional Offices, and the State and local air-pollution control agencies. Under provisions of the Clean Air Act and SIP requirements, State agencies must submit revised source data in NEDS format to EPA annually for (1) each source achieving final compliance with an SIP emission limitation regulation or strategy, (2) each new or modified source receiving approval to begin construction or operation, and (3) each source that terminated operations during a reporting period. Thus, the basic data of the NEDS are revised and updated periodically and reflect progress under the SIPs.

The point source file contains the data reported to NEDS by the State air pollution control agencies. Some States still rely on manual procedures for maintenance of their own source/emissions files. The majority of States have, however, installed, or are in the process of installing automated data systems and EPA has assisted many of the States in these efforts. The most common system in use is one designed and maintained by EPA: the Emission Inventory System/Point Source of the Comprehensive Data Handling

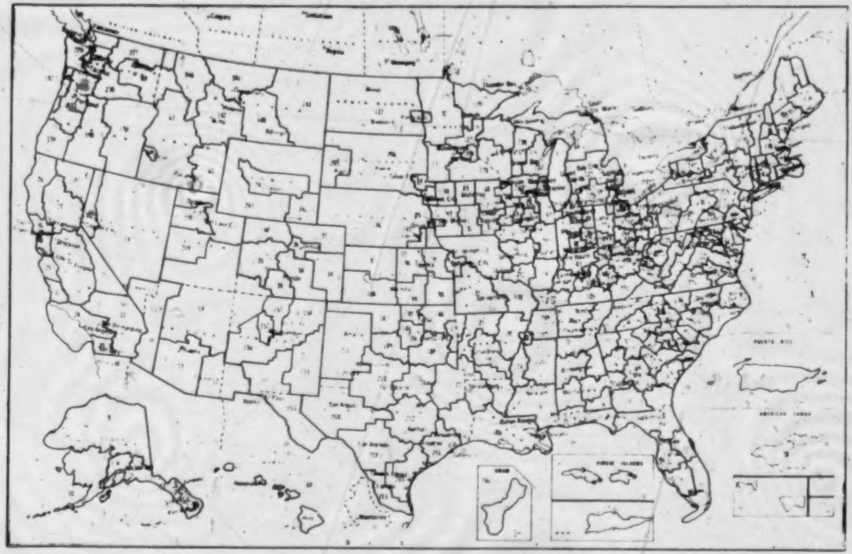

Figure 1. Air Quality Control Regions.

Table 1. EPA-CALCULATED NATIONAL EMISSIONS ESTIMATES FOR 1981

Source Category	Emissions estimates, 10^3 tons/year				
	Particulates[1]	Sulfur oxides	Nitrogen oxides	Volatile organics	Carbon monoxide
Fuel Combustion (point and area)	2,740	19,630	11,060	2,120	6,860
Residential	950	210	410	1,930	5,830
Electric generation	1,220	16,210	7,120	50	330
Industrial	500	2,590	3,250	130	640
Commercial-institutional	70	620	280	10	60
Industrial processes (point)	3,100	4,190	720	7,870	6,480
Chemical manufacturing	100	610	210	1,750	2,210
Food/agriculture	580	0	0	200	0
Primary metals	450	2,110	70	80	1,900
Secondary metals	90	30	0	0	320
Mineral products	1,670	670	180	0	30
Petroleum industry	50	650	230	1,440	1,230
Wood products	160	120	30	0	790
Organic solvent evaporation	0	0	0	3,450	0
Petroleum storage/transport	0	0	0	880	0
Other processes	0	0	0	70	0
Solid waste disposal (point and area)	400	30	100	710	2,330
Government	50	10	10	20	170
Residential	290	10	70	640	1,870
Commercial-institutional and Industrial	60	10	20	50	290
Transportation (area)	1,490	1,000	10,740	7,000	60,080
Gasoline vehicles	870	250	5,880	5,800	56,140
Light duty vehicles	600	160	3,810	3,570	31,690
Light duty trucks	170	60	1,260	1,170	9,070
Heavy duty vehicles	80	20	660	580	10,240
Motorcycles[2]	10	0	10	90	250
Off-highway	10	10	140	390	4,890
Diesel vehicles	510	470	4,530	550	1,290
Light duty vehicles	20	10	30	10	20
Heavy duty vehicles	340	270	2,840	220	720
Off-highway	90	70	880	130	270
Rail	60	120	780	190	280
Aircraft	80	10	120	180	1,060
Vessels	30	270	210	470	1,590
Miscellaneous (area)	1,040	10	210	3,420	7,090
Forest fires	500	10	120	570	4,150
Forest managed burning	400	0	80	280	2,230
Agricultural burning	80	0	10	70	500
Structural fires	60	0	0	40	210
Gasoline station evaporation loss	0	0	0	930	0
Solvent evaporation loss	0	0	0	1,530	0
Grand total (point and area)	8,770	24,860	22,830	21,120	82,840

[1] Does not include area source fugitive dust emissions from paved roads, unpaved roads, and unpaved airstrips.

[2] Highway motorcycle emissions are not included in NEDS summaries.

System (CDHS). EIS/PS has the capability to output data in NEDS format for reporting to EPA. A number of systems designed and maintained by the States also have a similar capability. Data can be easily reported to NEDS by means of data format conversion programs.

NEDS Area Source File

In NEDS, area sources are all emissions sources not identified as point sources. For example, the NEDS area source file contains data on all mobile sources such as motor vehicles, aircraft, and railroads; small stationary sources; and miscellaneous sources such as forest fires, agricultural burning, and retail gasoline marketing operations. Unlike data for point sources, however, data for each of these small individual sources are not stored in NEDS. Rather, estimates of total emission levels for specific categories of area sources are stored for individual geographic areas. Generally, data relevant to area source emissions (for example, total amount of gasoline consumed by all motor vehicles) are grouped for each of the approximately 3100 counties or county equivalents in the United States. Area-source data are developed primarily from reports published by other Federal agencies and, when possible, from valid data collected by State air-pollution control agencies. Detailed procedures for the determination of levels of area source activity are discussed in AEROS User's Manual, Volume II (OAQPS No. 1.2-039), EPA-450/2-76-029. Under current SIP requirements, States are not required to submit area-source data to EPA. Therefore, area source data are updated annually by NADB; States are given the opportunity, however, to review the EPA-generated area source data for accuracy and completeness. In addition, a number of State agencies have voluntarily submitted their own area source data for inclusion in NEDS. These data are reviewed for consistency with the NEDS point source data and are added to the NEDS file if they are acceptable for inclusion.

NEDS Emission-Factor File

In normal NEDS operations, source emissions are calculated automatically via computer program, based on the data stored in point and area source files. The principal vehicle for these calculations is the NEDS emission factor file. An emission factor is a statistical average--a quantitative estimate--of the rate at which a pollutant is released to the atmosphere (as a result of an activity such as combustion or industrial production) divided by the level of that activity. Thus, an emission factor relates the quantity of pollutants to an indicator of activity such as production capacity or quantity of fuel burned. Because emission factors are statistical averages, they are not necessarily precise indicators of emissions from an individual source. When they are applied to a large number of sources, however, a reasonable estimate of total emissions can be obtained. In general, the larger the sample, the lower the percentage of error. Therefore, for the entire Nation, an emission estimate based on emission factors may be quite precise, but for smaller geographic areas the percentage of error increases. Emission factors are usually determined from results of source tests in which quantities of air pollutants are measured from specific processes. Emission factors may also be determined from process material balances and engineering appraisals of particular processes. A collection of derived emission factors is given in Compilation of Air Pollutant Emission Factors (U.S. Environmental Protection Agency, Research Triangle Park, N.C., Publication No. AP-42, March 1975) and its supplements.

The emission factors in AP-42 and associated data maintained by NADB are related to the activity levels for sources covered by NEDS. Area source emission factors are designated for each area source category represented in NEDS. The emissions are determined by multiplying the appropriate emission factor by the activity level recorded.

Similarly, point source emission factors are related to point source activity levels through the NEDS Source Classification Code (SCC), determined and recorded for each point source. These codes give specific identification of the source (e.g., industrial coal-fired boiler, solid waste incinerator, gray iron cupola) and define the units of the activity level recorded in the point source file. Appropriate emission factors are designated for each SCC and are multiplied by the activity level to calculate the emissions. Where a control device is indicated in the point source file the given control device efficiency is included in the emission calculation so that estimated actual emissions are computed for all sources. Additionally, provision is made for the direct recording of emissions determined by stack tests or engineering material balances for specific sources. It is assumed that the determination of emissions by these latter methods provides a more precise estimate than the calculation of emissions by the application of an emission factor. Further, when the point source file indicates that the recorded emissions estimates were determined by a source test or material balance, the computer program that calculates emissions will substitute these data for emissions estimates that were calculated through the use of factors.

Some SCCs do not have corresponding emission factors in the NEDS emission factor file. These SCCs are general in nature (i.e., termed miscellaneous or unspecified) and are used for the categorization of point sources that are otherwise not classifiable. A source will fall in these categories when (1) no emission information is available, (2) the source is inadequately identified, or (3) the source is unique, or very unusual, and therefore cannot be assigned a specific SCC.

For some of the sources in such miscellaneous categories, emissions estimates may be derived by engineering analysis or judgment. The resulting emissions estimates are incorporated into the point source file and carry the same weight as calculated emissions estimates. The National Emissions Reports are based on all emissions estimates in the NEDS point source file, however derived.

The error caused by having no estimates for some point sources and "guess" estimates for a few others is insignificant when emissions are summarized for the Nation as a whole; but that error may be fairly sizable for local areas in which a number of point sources could not be assigned a specific SCC. The evidence suggests that the problem of missing emissions estimates for a few point sources is not major when considered in relation to (1) the potential imprecision introduced through an application of emission factors to specific point sources, and (2) the imprecision introduced through the calculation of area source activity levels for small geographic areas.

Reliability of Reported Emissions

Because an emissions inventory such as NEDS is often used as a basis for making important management decisions, it is imperative that the data therein be as accurate and precise as possible. Hence, when an inventory is developed, the question of reliability must be considered if the resulting emissions estimates are to be applied with any confidence.

Imprecision of emissions data is an inevitable result of the estimation techniques used to develop the data base, though these techniques are, for practical considerations, the best that are available. As noted previously, the use of emission factors and calculation of area source activity levels for NEDS cause inherent variations, or random errors, in the calculated emissions. Generally, as the number of observations on which emissions estimates are based is increased, the impact of imprecision of the data decreases. Thus, for the NEDS national emissions summary tabulation, which is based on a very large number of observations, imprecision is a relatively minor factor. For emissions summaries for smaller geographic areas (such as States and AQCRs), which are based on a smaller number of observations, the error potential increases.

Other factors that influence emissions inventory reliability are mistakes and biases in the reported data. Major mistakes input to NEDS are prevented by edit programs used to process input data or by review of NEDS output reports prior to publication of the National Emissions Report. Such data errors have been corrected for this report. It is likely that there are a number of other, relatively minor mistakes that remain that probably have an insignificant impact on the overall reliability of reported emissions. Biases in the NEDS data are introduced as a result of inaccuracies, or deficiencies, in the techniques used to compile the data. In comparison with mistakes, biases usually represent a more subtle type of error because it is rarely apparent with biases that the resulting emissions estimates deviate from what the "true" values should be (as is often the case with many mistakes). As an example, the emissions from a source may be measured by a sampling technique that yields biased results. Another example is the use of a biased (i.e., nonrepresentative) emission factor to estimate the emissions from a number of sources.

For NEDS, biases are introduced principally through inaccuracies in the procedures used to compile NEDS area source data and lack of complete and timely reporting of point source data by State agencies. In addition, the regulation prescribing reporting or point source data (40CFR 51.321) includes an inherent bias since it requires reporting only from facilities identified as emitting over 100 tons per year. Emissions from fuel combustion not accounted for by point sources are included instead as area source fuel use, but with less precision than if all fuel use were accounted for by individual point sources. Emissions from industrial process sources not reported as point sources are not accounted for, however. Thus, NEDS data may be biased low for industrial process emissions in cases where State agencies fail to report all major industrial process sources adequately as point sources or where emissions from facilities individually emitting less than 100 tons per year are collectively significant.

As a possible means of checking the reliability of NEDS emissions data, Table 1 shows EPA-calculated national emissions estimates for each of the five criteria pollutants according to the same major source categories as defined in the NEDS emissions summaries. These data are obtained from the data prepared for the report National Air Pollutant Emission Estimates, 1940-1982 (EPA-450/4-83-024). The methodology used to derive these data relies upon essentially the same sources of information for emission factors and area source calculation algorithms as used with NEDS. Differences between NEDS area source data and totals reported in Table 1 are due primarily to the differences in the precision and the detail of the methods of calculation. For NEDS, national emissions totals are obtained by summarizing individual county area source emissions. National Trends Report emissions totals are obtained from one calculation performed at the national level by use of total national activity levels and national average emission factors for each source category. For source categories reported in NEDS as point sources, national emissions totals reported in Table 1 below are also based on one calculation, performed at the national level; in this calculation, use is made of available data on national industrial production and fuel consumption, other appropriate data, and national average emission factors. Where necessary, average level of pollution control is considered to estimate actual emissions. The methodology for EPA calculation of national emissions estimates is inherently less precise than that used to produce NEDS summaries. It does not allow inclusion of emissions for individual sources based on estimation methods that may be more accurate than a standard emission factor calculation. The national calculation does not suffer from biases and omissions of sources to the same extent as NEDS point source data, however. As a result, the national emissions totals presented in Table 1 are judged to be the most reliable estimates of national emissions available at the time of this report. EPA national emissions estimates are periodically revised as better emission inventory techniques and emission factors are developed. Updated national emissions estimates for 1981 will be presented in future editions of National Air Pollutant Emission Estimates.

Comparison of the national NEDS emissions totals with EPA-calculated national emissions estimates indicates reasonable agreement for most source categories. Notable discrepancies do exist in some cases, however. Some of these can be clearly traced to specific deficiencies in the NEDS data. Others involve more complex problems concerning differences in techniques used to produce the data. It is difficult to resolve these problems without an exhaustive review of NEDS data.

For stationary fuel combustion sources, most emission totals are in close agreement except for the industrial sector. NEDS totals are all higher than Table 1 values for industrial fuel use. The factor that contributes most to this discrepancy is that NEDS data are out of date for some States. For fuel oil combustion, NEDS point source fuel use and emissions are substantially higher than what would be expected in 1981. In recent years U.S. fuel oil consumption has decreased greatly but because of the delay in reporting by States this change has not been adequately reported in NEDS. For electric utilities, NEDS fuel use is very close to values reported by the U.S. Department of Energy, but NEDS emissions of SO_2 and NO_x are slightly higher than in Table 1. For SO_2, NEDS emissions are about 6% higher. This is probably due to differences in sulfur contents and emissions calculated by procedures other than standard emission factor calculations in the point source data reported by States. For NO_x, NEDS emissions are about 12% higher than in Table 1. This is due to the use of outdated Source Classification Codes in NEDS that do not adequately represent tangentially fired boilers that have typically lower emissions than other boilers of the same size.

Total industrial process emissions in NEDS and Table 1 are comparable except for VOC, for which NEDS is much lower. The emissions for individual industrial process categories also generally agree except as discussed below. For particulate, most NEDS categories have slightly lower emissions than Table 1 values. This occurs primarily because (1) plants emitting less than 100 tons/year may not be included in NEDS, and (2) some emission points for the facilities in NEDS may not be properly represented. The latter problem primarily relates to industrial process fugitive emission points, for which emission factors and emission estimating techniques are frequently not known by State and local agencies responsible for reporting NEDS data. The NEDS particulate emissions for the chemical industry are much higher than in Table 1. This results primarily from apparently erroneous data reported by a few States. For SO_2 and NO_x, NEDS emissions from process heaters in the petroleum industry are too high, either because the NEDS data are out of date or were erroneously reported by States. For VOC, the emissions in many categories are much lower in NEDS than in Table 1. For chemical manufacturing, this appears to result from a lack of reporting of fugitive emissions sources in NEDS. Emissions for all chemical processes are not accurately known, however, so that the Table 1 value could be unrealistically high. For food/agriculture, many vegetable oil refining plants are apparently missing from NEDS. For the petroleum industry, fugitive emissions in petroleum refineries and other fugitive emissions associated with crude oil production are poorly represented in NEDS. Emissions for these processes are not accurately known, either, so that Table 1 values could be unrealistically high. Finally, the emissions for industrial process organic solvent evaporation are much lower in NEDS than in Table 1. This occurs because many small sources of organic solvent emissions are apparently not included in NEDS as point sources. However, emissions from these sources are accounted for instead as area sources and are included in the category "solvent evaporation loss" under miscellaneous area sources. As a result, the sum of point and area source organic solvent use in NEDS and in Table 1 is approximately the same.

For highway vehicles, NEDS emissions of NO_x, VOC and CO are significantly different from the data shown in Table 1. In addition, particulate emissions are different because, as noted in Table 1, reentrainment of dust from paved roads is not included. Table 1 particulate emissions include only emissions from vehicle exhaust and tire wear. National NEDS emissions of NO_x are about 14% lower than Table 1, while NEDS VOC emissions are about 20% higher and CO emissions are about 34% higher for highway vehicles. These differences result from a difference in the procedure used to calculate the estimated emissions. For the data in Table 1, emissions are calculated using national data for vehicle-miles travelled (VMT), which have been disaggregated into different road categories corresponding to assumed average vehicle speeds of 55, 45 and 19.6 miles per hour. For NEDS, adequate county level data to develop this split in VMT have been available for only a small number of States. As a result, all of the NEDS data have been calculated using a procedure that splits VMT into only two portions corresponding to 45 and 19.6 mile per hour average speeds. The effect of this procedure is that in NEDS VMT at the 19.6 mile per hour speed are overestimated causing the discrepancies in emissions noted above, since highway vehicle emission factors for NO_x, VOC and CO are highly dependent upon vehicle speed. It is recognized that a better procedure for use in NEDS is needed. Implementaiton of such an improved procedure is dependent upon the availability of the resources required to develop such a methodology and provide for the annual updating of data. During the next fiscal year it is hoped that a plan can be developed to move toward this goal.

Fugitive Dust Sources

The NEDS National Emissions Report includes, estimated particulate emissions from area sources of fugitive dust. Estimated emissions from vehicle travel on unpaved roads and aircraft operations on unpaved airstrips are included as miscellaneous sources. Estimated emissions from entrainment of dust from paved roads are included with highway vehicle particulate emissions. Source categories are also defined for construction, land tilling, and miscellaneous wind erosion. No emissions are reported for these categories due to lack of suitable emission factors and NEDS source inventory techniques. The emission estimates for unpaved roads and entrainment of dust from paved roads should be regarded as rough, order of magnitude emission estimates. Improved emission estimates will be developed upon future availability of better emission inventory techniques and refined particle size data for these sources.

The estimated emissions from these fugitive dust sources are quite large. It is improper to assume that the air quality impact of these emissions is similarly significant. A major portion of the emissions from these sources consist of large particles which settle to the ground a short distance from the source. NEDS emission estimates include only estimated emissions of particles less than 30 micrometers in diameter, the maximum size particle that would be efficiently captured by standard particulate air quality sampling equipment. Available particle size data, particularly for entrainment of dust from paved roads, may overestimate the portion of particles under 30 micrometers in size. It should also be noted that since unpaved roads exist mainly in rural areas, that these emissions are spread over large land areas of low population density. These factors limit the impact on air quality of these sources.

Tabulated Data from NEDS

Nationwide emissions of the five criteria pollutants are summarized by emission source category in the first table (page 1) of this report. The second group of tables presents a summary of air pollutant emissions for individual States, intrastate AQCRs, and in the portions of interstate AQCRs within each State. Air pollutant emissions data for each interstate AQCR are presented in the third group of tables.

Each table has the same format, with emissions shown for each defined NEDS source category. Area-source categories are identical to those defined in the NEDS area-source file. The AEROS User's Manual (EPA-450/2-76-029) gives a detailed definition of each area source category. The following brief descriptions of selected area source categories are presented as additional clarifying information.

Area Source Category	Description
Gasoline-Light Duty Vehicles	Passenger vehicles (automobiles) with a gross weight less than 8500 pounds (3856 kg).
Gasoline-Light Duty Trucks	Gasoline powered cargo trucks with a gross weight less than 8500 pounds (3856 kg).
Gasoline-Heavy Duty Vehicles	Trucks and buses with a gross weight over 8500 pounds (3856 kg).
Off-highway	Off-highway vehicles include farm, construction, and industrial machinery, lawn and garden tractors, snowmobiles, and off-road motorcycles.
Gasoline Station Evaporation	This category represents evaporative emissions occurring at retail gasoline service stations from filling of underground storage tanks and vehicles tanks.

Area Source Category	Description
Forest Managed Burning	This category represents emissions from deliberate prescribed burning of forest and agricultural wastes as a standard management practice.
Frost Control	This category represents emissions from the use of orchard heaters.
Solvent Evaporation Loss	This category represents an estimate of evaporative emissions from organic solvent use, not accounted for by point sources in NEDS.

Point source data in the emissions summaries are grouped according to NEDS Source Classification Code (SCC) definitions. A complete listing is given in the AEROS Manual of Codes (EPA-450/2-76-005). A brief summary of the relationships between NEDS SCC categories and the emissions summary categories is given in the table on the next page.

Point Source Category	SCC	Description
External Combustion-Electric Generation	101	Power plant boiler fuel use
External Combustion-Industrial	102	Industrial boiler fuel use
External Combustion-Commercial-Institutional	103	Commercial-institutional boiler fuel use
Internal Combustion-Electric Generation	201	Power plant fuel use in turbines and reciprocating engines
Internal Combustion-Industrial	202	Industrial turbines and IC engines
Internal Combustion-Commercial-Institutional	203	Commercial-institutional turbines and IC engines
Internal Combustion-Engine Testing	204	Testing of aircraft and rocket engines
Industrial Process-Chemical Mfg.	301	Chemical production
Industrial Process-Food/Agriculture	302	Food and grain processing
Industrial Process-Primary Metal	303	Primary iron/steel, aluminum, copper, etc.
Industrial Process-Secondary Metal	304	Foundries, secondary metal smelting
Industrial Process-Mineral Products	305	Stone, clay, and glass
Industrial Process-Petroleum Industry	306, 310	Petroleum refining, natural gas processing
Industrial Process-Wood Products	307	Pulp and paper, plywood, and sawmills
Industrial Process-Organic Solvent Evaporation		Dry cleaning (401001), degreasing (401002), surface coating (402), graphic arts (405), and miscellaneous (490) point source organic solvent users
Industrial Process-Petroleum Storage/Transport		Storage of petroleum products (403, 404) and transportation and marketing losses (406)
Industrial Process-Metal Fabrication	309	Fabricated metal products
Industrial Process-Textile Mfg.	330	Fabrics and carpet operations
Industrial Process-Other/Not Classified		Industrial processes not identified above
Solid Waste Disposal	5	Municipal incinerators and open burning dumps (501), commercial incinerators and open burning (502) and industrial incinerators and open burning (503)

PART A
SUMMARY OF AIR POLLUTANT EMISSIONS IN THE UNITED STATES

PART B

SUMMARY OF AIR POLLUTANT EMISSIONS IN STATES, IN INTRASTATE AQCRs, AND IN RESPECTIVE STATE PORTIONS OF INTERSTATE AQCRs

PART C
SUMMARY OF AIR POLLUTANT EMISSIONS IN INTERSTATE AQCRs

TECHNICAL REPORT DATA

(Please read Instructions on the reverse before completing)

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2

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11. CONTRACT/GRANT NO.

12. SPONSORING AGENCY NAME AND ADDRESS
U.S. Environmental Protection Agency
Office of Air and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

13. TYPE OF REPORT AND PERIOD COVERED
Final - 1981

14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES

16. ABSTRACT

The National Emissions Report summarizes annual cumulative estimates of source emissions of five criteria pollutants: particulates, sulfur oxides, nitrogen oxides, volatile organic compounds, and carbon monoxide. Source emissions data are reported to the U.S. Environmental Protection Agency under provisions of Section 110 of the Clean Air Act, as amended 1977, and EPA Regulations, Title 40, Code of Federal Regulations, Part 51.321. Summary data are presented for the Nation as a whole, for individual States, and for Air Quality Control Regions and for individual interstate portions thereof.

The data compilations result from the operations of the National Emissions Data System (NEDS), which functions as a component of the comprehensive EPA air information system--the Aerometric and Emissions Reporting System (AEROS). AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, at Research Triangle Park, North Carolina 27711.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air pollution Carbon monoxide* Emissions* Volatile organic compounds* Nitrogen oxides* Particulates* Sulfur oxides*	*Air pollution	

18. DISTRIBUTION STATEMENT Release unlimited	19. SECURITY CLASS (This Report) UNCLASSIFIED	21. NO. OF PAGES
	20. SECURITY CLASS (This page) UNCLASSIFIED	22. PRICE

EPA Form 2220-1 (Rev. 4-77) PREVIOUS EDITION IS OBSOLETE

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*** A01 ***
                                                                                              *** A01 ***
DATA IGNORED - IN CONTROL MODE
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TOTAL	42106954	27513775	24512332	21660728	101447732

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*** A03 ***
                                                                                                   *** A03 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:01 ALABAMA        AQCR:003 EAST ALABAMA                 AREA EMISSIONS AS OF:  TUESDAY   NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           12             61              2              9             71
         DISTILLATE OIL             0             10              6              0              1
         NATURAL GAS               10              2            403             23             80
         WOOD                    1461             15            117           3033           9016
         TOTAL (RESIDENTIAL)     1483             88            528           3065           9168

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          177          12895           6315             13            111
         NATURAL GAS                0              0              5              0              0
         OTHER                      0              0           3977             13            114
         TOTAL (ELEC GEN)         177          12895          10297             26            225

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES         290           2892            576              1             74
             POINT SOURCES       3881           9672           2789             10            187
         RESIDUAL OIL
             POINT SOURCES        443           6635            959              5             87
         DISTILLATE OIL
             POINT SOURCES          8             23             88              1             22
         NATURAL GAS
             AREA SOURCES          10              1           4017           1453            529
             POINT SOURCES          3              1            486              5             64
         PROCESS GAS
             POINT SOURCES        147           3375           2152             24            725
         WOOD
             POINT SOURCES        988             17            214            242            570
         TOTAL (INDUSTRIAL)
             AREA SOURCES         300           2893           4593           1454            603
             POINT SOURCES       5470          19723           6688            287           1655

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES           2             10              3              0              0
         BITUMINOUS COAL
             AREA SOURCES          12             90             12              0              6
         RESIDUAL OIL
             POINT SOURCES          0              5              2              0              0
         DISTILLATE OIL
```

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*** A04 ***                                                                                    *** A04 ***
          DIESEL

               HEAVY DUTY VEHICLES          890         420        3793         475        1453
               OFF HIGHWAY                  159         124        1499         228         453
               RAIL                         143         328        2135         517         752
               TOTAL (DIESEL)              1192         872        7427        1220        2658

      AIRCRAFT

            MILITARY                        244          16         125         287         592
            CIVIL                             3           0          15          42         833
            COMMERCIAL                        1           2          25          22          68
            TOTAL (AIRCRAFT)                248          18         165         351        1493

      VESSELS

            GASOLINE                          0           7          43         933        3322
            TOTAL (VESSELS)                   0           7          43         933        3322

      TOTAL (TRANSPORTATION)               7872        1234       15279       11691      100601

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                     1686          14         396
      FOREST MANAGED BURNING               1331           9         266        1903       13871
      AGRICULTURAL BURNING                  118           0          17         952        7453
      STRUCTURAL FIRES                       67           0           7         108         783
      GASOLINE STA EVAP LOSS                  0           0           0          50         275
      SOLVENT EVAPORATION LOSS                0           0           0         994           0
      UNPAVED ROADS                       14849           0           0        4572           0
      TOTAL (MISCELLANEOUS)               18051           0           0           0           0
                                                         23         686        8579       22382
GRAND TOTAL
***********

      AREA SOURCES                        28291        3225       19408       25386      136070

      POINT SOURCES                        1083         593         155         553         260

      TOTAL                               29374        3818       19563       25939      136330
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*** A05 ***
                                                                                               *** A05 ***
                                   NATIONAL EMISSIONS DATA SYSTEM
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                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:02 ALASKA          AQCR:009 NORTHERN ALASKA        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                        POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                          PARTICULATES        SOX           NOX           VOC            CO
                          ************   ************  ************  ************  ************
                           TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             18            306           128             4            36
         NATURAL GAS                 0              0             2             0             0
         WOOD                     1252             13           100          2600          7725
         TOTAL (RESIDENTIAL)      1270            319           230          2604          7761
      ELEC GENERATION (POINT)

         BITUMINOUS COAL          2513           2178          3888            18           932
         DISTILLATE OIL              0              1             1             0             0
         TOTAL (ELEC GEN)         2513           2179          3889            18           932
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          374            466           727             4           260
         DISTILLATE OIL
            AREA SOURCES             0              1             1             0             0
            POINT SOURCES           13            126           121             1            30
         NATURAL GAS
            AREA SOURCES             2              0            97             2            24
            POINT SOURCES            0              0             1             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             2              1            98             2            24
            POINT SOURCES          387            592           849             5           290
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          396           1301          2009            11           818
         RESIDUAL OIL
            AREA SOURCES             0              8             2             0             0
         DISTILLATE OIL
            AREA SOURCES             2             56            26             0             6
            POINT SOURCES            4             41            46             0            11
         NATURAL GAS
            AREA SOURCES             2              0            90             4            18
            POINT SOURCES            3              1           106             3            25
         OTHER
            POINT SOURCES            1             13            11             0             3
         TOTAL (COMM-INST)
            AREA SOURCES             4             64           118             4            24
            POINT SOURCES          404           1356          2172            14           857
```

FOREST WILDFIRES	12668	111	2980	14307	104321
FOREST MANAGED BURNING	12093	90	2417	8645	67709
STRUCTURAL FIRES	507	0	47	379	2061
GASOLINE STA EVAP LOSS	0	0	0	12414	0
SOLVENT EVAPORATION LOSS	0	0	0	33037	0
UNPAVED ROADS	676954	0	0	0	0
UNPAVED AIRSTRIPS	1035	0	0	0	0
TOTAL (MISCELLANEOUS)	703257	201	5444	68782	174091

GRAND TOTAL
****

AREA SOURCES	810633	30688	163673	208886	1282019
POINT SOURCES	45240	1002832	119904	12722	66264
TOTAL	855873	1033520	283577	221608	1348283

TOTAL (EXTERNAL COMB)					
AREA SOURCES	4198	17762	29817	10047	10658
POINT SOURCES	327	3378	14660	113	974
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	9	104	232	44	39
NATURAL GAS	67	95	2190	157	434
TOTAL (ELEC GEN)	76	199	2422	201	473
INDUSTRIAL FUEL					
DISTILLATE OIL	27	107	371	25	81
NATURAL GAS	18	1	2921	71	429
TOTAL (INDUSTRIAL)	45	108	3292	96	510
ENGINE-TESTING					
TOTAL (ENG TESTNG)	31	43	418	34	5
TOTAL (INTERNAL COMB)	152	350	6132	331	988
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4198	17762	29817	10047	10658
POINT SOURCES	479	3728	20792	444	1962
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	40	30654	19	737	28000
FOOD/AGRICULTURAL	3013	2	0	43	0
PRIMARY METAL	9246	392434	0	0	0
SECONDARY METALS	82	16	318	12	1249
MINERAL PRODUCTS	6955	4593	1036	89	86
ORGANIC SOLVENT EVAPORATION	5	1	1	4120	11
PETROLEUM STORAGE/TRANSPORT	0	0	0	937	0
OTHER/NOT CLASSIFIED	13	157	57	1	1450
TOTAL (INDUSTRIAL)	19354	427857	1431	5939	30796
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OPEN BURNING	2491	156	934	4671	13236
TOTAL (GOVERNMENT)	2491	156	934	4671	13236
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1602	25	49	4504	13509
OPEN BURNING	1302	49	333	1758	5576
TOTAL (RESIDENTIAL)	2904	74	382	6262	19085
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	89	27	42	51	123
POINT SOURCES	0	0	1	23	433
OPEN BURNING					
AREA SOURCES	9	0	3	19	51
TOTAL (COMM-INST)					
AREA SOURCES	98	27	45	70	174
POINT SOURCES	0	0	1	23	433

```
*** A08 ***
SELECT CARD = <04    018                                                   45>
                                                                                *** A08 ***
*** A09 ***
        TOTAL (VESSELS)                      0          21         137        2873       10229   *** A09 ***

    TOTAL (TRANSPORTATION)                5044        1353       16214       10962       74470

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      2840          25         669        3209       23386
    FOREST MANAGED BURNING                 922           0         185         658        5162
    STRUCTURAL FIRES                        56           0           1          42         228
    GASOLINE STA EVAP LOSS                   0           0           0         823           0
    SOLVENT EVAPORATION LOSS                 0           0           0        3904           0
    UNPAVED ROADS                       156635           0           0           0           0
    TOTAL (MISCELLANEOUS)               160453          25         855        8636       28776

GRAND TOTAL
***********

    AREA SOURCES                        169881        1878       19673       28947      129559

    POINT SOURCES                         6077         346         160        3864        3621

    TOTAL                               175958        2224       19833       32811      133180
```

TOTAL (COMM-INST)					
AREA SOURCES	1226	2838	7177	273	1081
POINT SOURCES	529	5515	5200	473	1055
TOTAL (EXTERNAL COMB)					
AREA SOURCES	8320	12850	39882	15251	29620
POINT SOURCES	11382	50988	135322	6532	10054
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	85	540	488	53	76
NATURAL GAS	229	13	3983	142	838
OTHER	0	1	6	0	0
TOTAL (ELEC GEN)	314	554	4477	195	914
INDUSTRIAL FUEL					
DISTILLATE OIL	8	9	59	39	14
NATURAL GAS	57	5	12699	4736	2388
GASOLINE	0	0	0	1	0
DIESEL FUEL	0	0	3	2	0
TOTAL (INDUSTRIAL)	65	14	12761	4778	2402
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	9	3	65	2	1273
ENGINE-TESTING					
TOTAL (ENG TESTNG)	26	34	120	103	214
TOTAL (INTERNAL COMB)	414	605	17423	5078	4803
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	8320	12850	39882	15251	29620
POINT SOURCES	11796	51593	152745	11610	14857
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	1641	27390	2016	4476	186
FOOD/AGRICULTURAL	691	13	184	306	159
PRIMARY METAL	3188	6415	3650	2375	48914
SECONDARY METALS	2560	1773	1059	354	1720
MINERAL PRODUCTS	4296	1208	2804	506	9334
PETROLEUM INDUSTRY	7868	60253	37249	57028	48827
WOOD PRODUCTS	138	0	0	64	0
ORGANIC SOLVENT EVAPORATION	9503	1	266	105569	576
PETROLEUM STORAGE/TRANSPORT	45	81	0	51237	0
METAL FABRICATION	703	3	1	230	0
TEXTILE MANUFACTURING	62	0	27	234	2
OTHER/NOT CLASSIFIED	307	224	459	279	35
TOTAL (INDUSTRIAL)	31002	97361	47715	222658	109753
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	3	0	1	0	2
OPEN BURNING	41	2	15	81	219
OTHER INCINERATION	24	5	32	22	0
TOTAL (GOVERNMENT)	68	7	48	103	221

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*** A11 ***                                                                                        *** A11 ***
SELECT CARD = <05    028                                                         45>
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:05 CALIFORNIA      AQCR:031 SAN JOAQUIN VALLEY                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              6              2              0              0
         NATURAL GAS                  77             16           2572            136            512
         WOOD                       7004             73            556          14541          43218
         TOTAL (RESIDENTIAL)        7081             95           3130          14677          43730
      ELEC GENERATION (POINT)

         RESIDUAL OIL                  7            222            163              4              9
         DISTILLATE OIL                0              1              0              0              0
         NATURAL GAS                  21              4           3732             50            261
         OTHER                        11             16             69             65            195
         TOTAL (ELEC GEN)             39            243           3964            119            465
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             415           1400            698              3             89
         RESIDUAL OIL
            POINT SOURCES          10192         103172          33927           1706           2746
         DISTILLATE OIL
            POINT SOURCES             72           1035            334              9             41
         NATURAL GAS
            AREA SOURCES               5              0           2761           1064            370
            POINT SOURCES            275             19           5510            114            660
         WOOD
            POINT SOURCES            658            110            734            916           1073
         TOTAL (INDUSTRIAL)
            AREA SOURCES             420           1400           3459           1067            459
            POINT SOURCES          11197         104336          40505           2745           4520
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES             134            345            397              6             37
            POINT SOURCES              0              8              5              0              0
         DISTILLATE OIL
            POINT SOURCES              6            165             69              1             19
         NATURAL GAS
            AREA SOURCES              13              2            492             25             97
            POINT SOURCES             25              4            969             24            224
         TOTAL (COMM-INST)
            AREA SOURCES             147            347            889             31            134
            POINT SOURCES             31            177           1043             25            243
```

COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	4	13	5	0	0
BITUMINOUS COAL					
AREA SOURCES	119	279	92	4	55
POINT SOURCES	944	1434	384	2	100
RESIDUAL OIL					
POINT SOURCES	252	3310	1057	22	92
DISTILLATE OIL					
POINT SOURCES	748	2986	531	8	132
NATURAL GAS					
POINT SOURCES	68	15	8750	81	1024
WOOD					
POINT SOURCES	21	0	3	8	20
LIQUID PETROL GAS					
POINT SOURCES	0	8	4	0	1
OTHER					
POINT SOURCES	2	1	15	3	4
TOTAL (COMM-INST)					
AREA SOURCES	123	292	97	4	55
POINT SOURCES	2035	7754	10744	124	1373
TOTAL (EXTERNAL COMB)					
AREA SOURCES	9766	2329	19970	24383	60922
POINT SOURCES	16806	86767	153409	1115	24519
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	13	58	199	14	43
NATURAL GAS	32	0	2389	63	431
TOTAL (ELEC GEN)	45	58	2588	77	474
INDUSTRIAL FUEL					
DISTILLATE OIL	48	45	674	46	147
NATURAL GAS	38	1	7985	506	1407
TOTAL (INDUSTRIAL)	86	46	8659	552	1554
TOTAL (INTERNAL COMB)	131	104	11247	629	2028
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	9766	2329	19970	24383	60922
POINT SOURCES	16937	86871	164656	1744	26547
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	432	863	1	264	0
FOOD/AGRICULTURAL	7242	0	0	0	1
PRIMARY METAL	6081	165	161	1310	31053
SECONDARY METALS	474	140	3	0	2856
MINERAL PRODUCTS	16728	15555	4351	312	158
PETROLEUM INDUSTRY	237	1759	335	1355	42947
WOOD PRODUCTS	55	0	0	1274	108
ORGANIC SOLVENT EVAPORATION	0	0	0	11511	0
PETROLEUM STORAGE/TRANSPORT	1	0	0	2198	0
METAL FABRICATION	123	0	0	70	0
OTHER/NOT CLASSIFIED	58	9171	0	738	55
TOTAL (INDUSTRIAL)	31431	27653	4851	19032	77178
SOLID WASTE DISPOSAL					

```
*** A14 ***                                                                                    *** A14 ***

SELECT CARD = <06    036                                                              45>
STATE 06 COUNTY 0900 NOT FOUND IN POINT FILE
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INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	6	0	168	5	47
TOTAL (ELEC GEN)	6	0	168	5	47
TOTAL (INTERNAL COMB)	6	0	168	5	47
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3428	56	391	7132	21166
POINT SOURCES	18	9	312	7	64
INDUSTRIAL PROCESS (POINT) **************************					
FOOD/AGRICULTURAL	7	0	0	0	0
MINERAL PRODUCTS	160	1	0	1	0
TOTAL (INDUSTRIAL)	167	1	0	1	0
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	42	0	0	117	352
OPEN BURNING	36	0	9	48	153
TOTAL (RESIDENTIAL)	78	0	9	165	505
INDUSTRIAL					
ON SITE INCINERATION POINT SOURCES	179	3	26	282	3331
TOTAL (INDUSTRIAL) POINT SOURCES	179	3	26	282	3331
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	78	0	9	165	505
POINT SOURCES	179	3	26	282	3331
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	390	25	467	881	10081
LIGHT DUTY TRUCKS	263	24	361	547	6636
HEAVY DUTY VEHICLES	53	5	148	237	4786
OFF HIGHWAY	1	0	22	57	720
TOTAL (GASOLINE)	707	54	998	1722	22223
DIESEL					
HEAVY DUTY VEHICLES	75	39	191	80	192
OFF HIGHWAY	59	44	552	84	167
RAIL	11	26	167	41	58
TOTAL (DIESEL)	145	109	910	205	417
AIRCRAFT					
CIVIL	0	0	4	13	276
TOTAL (AIRCRAFT)	0	0	4	13	276

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SELECT CARD = <07    042                                              45>
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*** A17 ***
      TOTAL (COMM-INST)                                                                                   *** A17 ***
              AREA SOURCES               62          20          29          36          84
              POINT SOURCES               3           0           2           1           3
   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               45          10          10          41          60
              POINT SOURCES               6           3           3           3          11
      TOTAL (INDUSTRIAL)
              AREA SOURCES               45          10          10          41          60
              POINT SOURCES               6           3           3           3          11

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              812          55         214        1068        3276
              POINT SOURCES             293          26          35          18         341
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          12979         496       10557       13114      133327
         LIGHT DUTY TRUCKS             2264         133        2660        3023       26329
         HEAVY DUTY VEHICLES            490          45        1458        1589       25213
         OFF HIGHWAY                     40          21         442        1174       14853
         TOTAL (GASOLINE)             15773         695       15117       18900      199722
      DIESEL

         HEAVY DUTY VEHICLES           1488         655        5962         803        2467
         OFF HIGHWAY                    136         106        1279         195         386
         RAIL                            11          25         163          40          57
         TOTAL (DIESEL)                1635         786        7404        1038        2910
   AIRCRAFT

      MILITARY                          320          21         164         376         777
      CIVIL                               5           3          20          63        1266
      COMMERCIAL                          1           2          16          14          43
      TOTAL (AIRCRAFT)                  326          26         200         453        2086
   VESSELS

      DIESEL FUEL                         5           5          40          10          13
      RESIDUAL OIL                       28         369          61           4           2
      GASOLINE                            0          14          85        1861        6634
      TOTAL (VESSELS)                    33         388         186        1875        6649

   TOTAL (TRANSPORTATION)             17767        1895       22907       22266      211367
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     910           8         214        1029        7500
   FOREST MANAGED BURNING                18           0           3          13         100
   AGRICULTURAL BURNING                  13           0           1          12          84
   STRUCTURAL FIRES                     156           0          14         118         637
   GASOLINE STA EVAP LOSS                 0           0           0        2794           0
   SOLVENT EVAPORATION LOSS               0           0           0        9858           0
   UNPAVED ROADS                       8348           0           0           0           0
   TOTAL (MISCELLANEOUS)               9445           0           0           0           0
GRAND TOTAL                                           8         232       13824        8321
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:09 DIST. COLUMBIA AQCR:047 NATIONAL CAPITAL

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	14	28	3	9	82
DISTILLATE OIL	15	173	108	4	30
NATURAL GAS	22	4	718	38	144
WOOD	285	3	23	592	1759
TOTAL (RESIDENTIAL)	336	208	852	643	2015
ELEC GENERATION (POINT)					
RESIDUAL OIL	27	368	153	2	15
DISTILLATE OIL	77	1914	843	10	70
TOTAL (ELEC GEN)	104	2282	996	12	85
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	772	5094	1909	11	839
RESIDUAL OIL					
POINT SOURCES	40	821	297	2	27
DISTILLATE OIL					
AREA SOURCES	21	209	236	8	56
POINT SOURCES	2	38	14	0	4
NATURAL GAS					
POINT SOURCES	1	0	104	0	8
OTHER					
POINT SOURCES	9	325	193	1	4
TOTAL (INDUSTRIAL)					
AREA SOURCES	21	209	236	8	56
POINT SOURCES	824	6278	2517	14	882
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	209	859	287	13	171
RESIDUAL OIL					
POINT SOURCES	129	2222	665	15	72
DISTILLATE OIL					
POINT SOURCES	120	1929	1161	20	262
NATURAL GAS					
AREA SOURCES	22	4	749	40	150
POINT SOURCES	0	0	14	0	1
OTHER					
POINT SOURCES	3	44	34	0	5
TOTAL (COMM-INST)					

```
*** B01 ***                                                                                                                   *** B01 ***
@ELT,IL     TPF$.CARDS
ELT 8R1+ 74R1T2 11/28/83 17:09:10 (->0)
     1.          00
     2.          00      01                                                                          50
     3.          00      01      001                                                                 25
     4.          00      01      002                                                                 45
     5.          00      01      003                                                                 45
     6.          00      01      004                                                                 45
     7.          00      01      005                                                                 45
     8.          00      01      006                                                                 45
     9.          00      01      007                                                                 45
    10.          00      02                                                                          45
    11.          00      02      008                                                                 25
    12.          00      02      009                                                                 45
    13.          00      02      010                                                                 45
    14.          00      02      011                                                                 45
    15.          00      03                                                                          45
    16.          00      03      012                                                                 25
    17.          00      03      013                                                                 45
    18.          00      03      014                                                                 45
    19.          00      03      015                                                                 45
    20.          00      04                                                                          45
    21.          00      04      016                                                                 25
    22.          00      04      017                                                                 45
    23.          00      04      018                                                                 45
    24.          00      04      019                                                                 45
    25.          00      04      020                                                                 45
    26.          00      04      021                                                                 45
    27.          00      04      022                                                                 45
    28.          00      05                                                                          45
    29.          00      05      023                                                                 25
    30.          00      05      024                                                                 45
    31.          00      05      025                                                                 45
    32.          00      05      026                                                                 45
    33.          00      05      027                                                                 45
    34.          00      05      028                                                                 45
    35.          00      05      029                                                                 45
    36.          00      05      030                                                                 45
    37.          00      05      031                                                                 45
    38.          00      05      032                                                                 45
    39.          00      05      033                                                                 45
    40.          00      06                                                                          45
    41.          00      06      014                                                                 25
    42.          00      06      034                                                                 45
    43.          00      06      035                                                                 45
    44.          00      06      036                                                                 45
    45.          00      06      037                                                                 45
    46.          00      06      038                                                                 45
    47.          00      06      039                                                                 45
    48.          00      06      040                                                                 45
    49.          00      07                                                                          45
    50.          00      07      041                                                                 25
    51.          00      07      042                                                                 45
    52.          00      07      043                                                                 45
    53.          00      07      044                                                                 45
    54.          00      08                                                                          45
    55.          00      08      045                                                                 25
    56.          00      08      046                                                                 45
    57.          00      09                                                                          45
    58.          00      09      047                                                                 25
    59.          00      10                                                                          45
    60.          00      10      005                                                                 25
    61.          00      10      048                                                                 45
    62.          00      10      049                                                                 45
    63.          00      10      050                                                                 45
    64.          00      10      051                                                                 45
                                                                                                     45
```

```
*** B02 ***                                                                                         *** B02 ***
SELECT CARD = <01                                                          25>
```

```
                 AREA SOURCES            3          63          43           0          11
                 POINT SOURCES           0           1           0           0           0
             NATURAL GAS
                 AREA SOURCES            2           0         107           5          21
                 POINT SOURCES           0           0          15           0           3
             TOTAL (COMM-INST)
                 AREA SOURCES           19         163         165           5          38
                 POINT SOURCES           0           6          17           0           3

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES         1802        3144        5286        4524        9809
                 POINT SOURCES        5647       32624       17002         313        1883

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES         1802        3144        5286        4524        9809
                 POINT SOURCES        5647       32624       17002         313        1883

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             30           0           0           0           0
     PRIMARY METAL                    1509        1710          67        1021        7682
     SECONDARY METALS                  646         172          20           0        8797
     MINERAL PRODUCTS                  859          14           7          15           7
     WOOD PRODUCTS                     482         956         421           0        7842
     ORGANIC SOLVENT EVAPORATION         0           0           0          23           0
     PETROLEUM STORAGE/TRANSPORT         0           0           0           6           0
     OTHER/NOT CLASSIFIED                3         237           0           0           0
     TOTAL (INDUSTRIAL)               3529        3089         515        1065       24328

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION          259           3           7         730        2185
         OPEN BURNING                  892          32         228        1202        3817
         TOTAL (RESIDENTIAL)          1151          35         235        1932        6002

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 POINT SOURCES           0           0           2           0           0
         OPEN BURNING
                 AREA SOURCES           12           0           4          20          52
         TOTAL (COMM-INST)
                 AREA SOURCES           12           0           4          20          52
                 POINT SOURCES           0           0           2           0           0

     INDUSTRIAL

         ON SITE INCINERATION
                 POINT SOURCES          11          12          17           0          46
         OPEN BURNING
                 AREA SOURCES           14           0           5          23          80
         TOTAL (INDUSTRIAL)
                 AREA SOURCES           14           0           5          23          80
                 POINT SOURCES          11          12          17           0          46

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES         1177          35         244        1975        6134
                 POINT SOURCES          11          12          19           0          46

TRANSPORTATION (AREA)
*********************
```

```
*** B04 ***                                                                        *** B04 ***
SELECT CARD = <01    007                                      45>
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	1276	384	446	2610	7809
POINT SOURCES	3304	4127	6910	37	2079
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	283	272	3972	271	864
NATURAL GAS	5	0	152	5	42
TOTAL (ELEC GEN)	288	272	4124	276	906
INDUSTRIAL FUEL					
DISTILLATE OIL	0	3	47	3	10
TOTAL (INDUSTRIAL)	0	3	47	3	10
TOTAL (INTERNAL COMB)	288	275	4171	279	916
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1276	384	446	2610	7809
POINT SOURCES	3592	4402	11081	316	2995
INDUSTRIAL PROCESS (POINT) **************************					
MINERAL PRODUCTS	48	14	8	15	8
PETROLEUM INDUSTRY	0	0	17	0	4
ORGANIC SOLVENT EVAPORATION	0	0	0	20	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	402	0
TOTAL (INDUSTRIAL)	48	14	25	437	12
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	2	0	0	2	5
TOTAL (GOVERNMENT)	2	0	0	2	5
RESIDENTIAL (AREA)					
ON SITE INCINERATION	215	2	6	609	1825
OPEN BURNING	494	18	127	670	2121
TOTAL (RESIDENTIAL)	709	20	133	1279	3946
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	3	1	1	2	4
POINT SOURCES	2	0	0	2	2
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	4	1	1	4	8
POINT SOURCES	2	0	0	2	2
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	1	0	0	1	2
POINT SOURCES	20	12	27	30	54
OPEN BURNING					
AREA SOURCES	2	0	1	3	10
POINT SOURCES	9	0	2	12	70

```
*** B06 ***
SELECT CARD = <03    012                                   45>
```

```
    INDUSTRIAL                                                                                 *** B07 ***

        ON SITE INCINERATION
                AREA SOURCES            446         89         89        403        598
                POINT SOURCES             0          0          0          0          6
        OPEN BURNING
                AREA SOURCES            305         12        103        532       1868
                POINT SOURCES             1          1          1          1          2
        TOTAL (INDUSTRIAL)
                AREA SOURCES            751        101        192        935       2466
                POINT SOURCES             1          1          1          1          8

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           3753        202        619       7267      21725
                POINT SOURCES          2492        157        936       4695      13677
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       48259       1499      30747      44271     455991
            LIGHT DUTY TRUCKS         15970        685      13064      18214     167637
            HEAVY DUTY VEHICLES        1902        135       3917       5625      88429
            OFF HIGHWAY                 119         63       1318       3508      44348
            TOTAL (GASOLINE)          66250       2382      49046      71618     756405
        DIESEL

            HEAVY DUTY VEHICLES        8925       3439      31716       4881      15171
            OFF HIGHWAY                 740        580       6968       1061       2105
            RAIL                        563       1279       8305       2017       2918
            TOTAL (DIESEL)            10228       5298      46989       7959      20194
    AIRCRAFT

        MILITARY                       2049        132       1052       2410       4976
        CIVIL                            22         12         98        304       6112
        COMMERCIAL                       43        100       1039        922       2862
        TOTAL (AIRCRAFT)               2114        244       2189       3636      13950
    VESSELS

        GASOLINE                          0          9         52       1128       4021
        TOTAL (VESSELS)                   0          9         52       1128       4021

    TOTAL (TRANSPORTATION)            78592       7933      98276      84341     794570
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   1266         11        298       1430      10428
    FOREST MANAGED BURNING             4292         32        857       3068      24029
    STRUCTURAL FIRES                    409          0         38        306       1664
    GASOLINE STA EVAP LOSS                0          0          0       9092          0
    SOLVENT EVAPORATION LOSS              0          0          0      28701          0
    UNPAVED ROADS                    454968          0          0          0          0
    UNPAVED AIRSTRIPS                   605          0          0          0          0
    TOTAL (MISCELLANEOUS)            461540         43       1193      42597      36121
GRAND TOTAL
***********

    AREA SOURCES                     548083      25940     129905     144252     863074
```

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                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************
STATE/AQCR EMISSIONS REPORT
*****************************                                            RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:04 ARKANSAS        AQCR:018 METROPOLITAN MEMPHIS        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES         SOX           NOX           VOC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               0             1             1             0             0
            NATURAL GAS                  1             0            48             3            10
            WOOD                       243             3            19           505          1501
            TOTAL (RESIDENTIAL)        244             4            68           508          1511
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             9            90            18             0             2
            DISTILLATE OIL
                AREA SOURCES             1             8             9             0             2
            NATURAL GAS
                AREA SOURCES             1             0           525           195            70
            TOTAL (INDUSTRIAL)
                AREA SOURCES            11            98           552           195            74
        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES             1             8             2             0             0
            DISTILLATE OIL
                AREA SOURCES             1             9             6             0             2
            NATURAL GAS
                AREA SOURCES             1             0            27             1             5
            TOTAL (COMM-INST)
                AREA SOURCES             3            17            35             1             7
        TOTAL (EXTERNAL COMB)
                AREA SOURCES           258           119           655           704          1592
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           258           119           655           704          1592
INDUSTRIAL PROCESS (POINT)
**************************

    SECONDARY METALS                   350             7             1             0          1051
    MINERAL PRODUCTS                   388             0             0             0             0
    PETROLEUM STORAGE/TRANSPORT          0             0             0           235             0
    TOTAL (INDUSTRIAL)                 738             7             1           235          1051

SOLID WASTE DISPOSAL
```

```
SELECT CARD = <04    022                                                                45>
STATE 04 COUNTY 2420 NOT FOUND IN POINT FILE
```

```
*** B10 ***
    RESIDENTIAL (AREA)                                                                                     *** B10 ***

        ON SITE INCINERATION              11460          180          358        32232        96696
        OPEN BURNING                       4192          156         1073         5650        17932
        TOTAL (RESIDENTIAL)               15652          336         1431        37882       114628

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                109           34           50           63          148
                POINT SOURCES                47           10          117           21           43
        OPEN BURNING
                AREA SOURCES                 27            1           10           49          137
        TOTAL (COMM-INST)
                AREA SOURCES                136           35           60          112          285
                POINT SOURCES                47           10          117           21           43

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 75           15           15           68          100
                POINT SOURCES                68           36          124           49          112
        OPEN BURNING
                AREA SOURCES                142            5           49          249          872
        TOTAL (INDUSTRIAL)
                AREA SOURCES                217           20           64          317          972
                POINT SOURCES                68           36          124           49          112

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              16005          391         1555        38311       115885
                POINT SOURCES               183           53          289          173          376

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          309207         8392       159002       252305      2388591
            LIGHT DUTY TRUCKS             69586         2595        44851        68862       597098
            HEAVY DUTY VEHICLES           11836          745        19502        23292       487009
            OFF HIGHWAY                     719          386         7995        21266       268840
            TOTAL (GASOLINE)             391348        12118       231350       365725      3741538

        DIESEL

            HEAVY DUTY VEHICLES           27545         9845        81460        15164        47395
            OFF HIGHWAY                    4430         3468        41718         6355        12607
            RAIL                           2065         4709        30572         7425        10741
            TOTAL (DIESEL)                34040        18022       153750        28944        70743

    AIRCRAFT

        MILITARY                           2729          176         1403         3210         6631
        CIVIL                                73           41          322          997        19972
        COMMERCIAL                          155          358         3719         3296        10237
        TOTAL (AIRCRAFT)                   2957          575         5444         7503        36840

    VESSELS

        DIESEL FUEL                         407          508         3794          948         1327
        RESIDUAL OIL                       1930        25435         4179          250          140
        GASOLINE                              0           19          106         2333         8314
        TOTAL (VESSELS)                    2337        25962         8079         3531         9781
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*** B11 ***
                                                                                                   *** B11 ***
                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:05 CALIFORNIA     AQCR:028 SACRAMENTO VALLEY       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                        POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC           CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          DISTILLATE OIL              0             20             9             0             2
          NATURAL GAS                64             12          2123           112           423
          WOOD                    11656            123           920         24200         71920
          TOTAL (RESIDENTIAL)     11720            155          3052         24312         72345
       ELEC GENERATION (POINT)

          DISTILLATE OIL              1             14             6             0             1
          NATURAL GAS                 4              0            88             1             6
          OTHER                      36              1            22            13            31
          TOTAL (ELEC GEN)           41             15           116            14            38
       INDUSTRIAL FUEL

          BITUMINOUS COAL
             AREA SOURCES           148            497           249             0            30
          DISTILLATE OIL
             POINT SOURCES           26            190           172             5            29
          NATURAL GAS
             AREA SOURCES             1              0           939           362           126
             POINT SOURCES           36              0          1042            14           117
          WOOD
             POINT SOURCES         1429            690          4533          5045          6541
          TOTAL (INDUSTRIAL)
             AREA SOURCES           149            497          1188           362           156
             POINT SOURCES         1491            880          5747          5064          6687
       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             AREA SOURCES           121            300           346             6            30
          DISTILLATE OIL
             POINT SOURCES            0              5             1             0             0
          NATURAL GAS
             AREA SOURCES            12              1           437            23            87
             POINT SOURCES            1              0            30             0             6
          TOTAL (COMM-INST)
             AREA SOURCES           133            301           783            29           117
             POINT SOURCES            1              5            31             0             6
       TOTAL (EXTERNAL COMB)
             AREA SOURCES         12002            953          5023         24703         72618
             POINT SOURCES         1533            900          5894          5078          6731
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	7648	1842	7478	15775	44323
POINT SOURCES	11267	104756	45512	2889	5228
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	11	1	8769	2373	1177
TOTAL (INDUSTRIAL)	11	1	8769	2373	1177
ENGINE-TESTING					
TOTAL (ENG TESTNG)	22	0	54	9	20
TOTAL (INTERNAL COMB)	33	1	8823	2382	1197
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	7648	1842	7478	15775	44323
POINT SOURCES	11300	104757	54335	5271	6425
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	449	2805	136	2324	154
FOOD/AGRICULTURAL	4381	2	406	1410	55
PRIMARY METAL	9	0	0	0	39
SECONDARY METALS	101	12	33	20	38
MINERAL PRODUCTS	8733	405	4103	176	312
PETROLEUM INDUSTRY	1142	14475	8159	18783	4556
WOOD PRODUCTS	1178	4	38	368	3
ORGANIC SOLVENT EVAPORATION	1	0	0	530	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	19082	0
METAL FABRICATION	92	0	0	0	0
OTHER/NOT CLASSIFIED	938	532	4900	285	466
TOTAL (INDUSTRIAL)	17024	18235	17775	42978	5623
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	105	7	39	231	559
TOTAL (GOVERNMENT)	105	7	39	231	559
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1881	28	58	5289	15866
OPEN BURNING	687	25	176	928	2943
TOTAL (RESIDENTIAL)	2568	53	234	6217	18809
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	16	4	8	10	24
POINT SOURCES	2	3	4	4	14
OPEN BURNING					
AREA SOURCES	5	0	0	10	20
TOTAL (COMM-INST)					
AREA SOURCES	21	4	8	20	44
POINT SOURCES	2	3	4	4	14
INDUSTRIAL					
ON SITE INCINERATION					

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*** B13 ***
*********************                                                                                  *** B13 ***
    RESIDENTIAL (AREA)

        ON SITE INCINERATION              2384          31          69        6698       20112
        OPEN BURNING                      2132          70         543        2870        9102
        TOTAL (RESIDENTIAL)               4516         101         612        9568       29214
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                64          19          31          36          94
                POINT SOURCES              213           5          32         328        3795
        OPEN BURNING
                AREA SOURCES                 2           0           1           3           9
        TOTAL (COMM-INST)
                AREA SOURCES                66          19          32          39         103
                POINT SOURCES              213           5          32         328        3795
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 8           0           0           8          16
                POINT SOURCES              848         432        2120        1916        5080
        OPEN BURNING
                AREA SOURCES                 4           0           2           6          20
        TOTAL (INDUSTRIAL)
                AREA SOURCES                12           0           2          14          36
                POINT SOURCES              848         432        2120        1916        5080
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              4594         120         646        9621       29353
                POINT SOURCES             1061         437        2152        2244        8875
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          60862        2077       34161       85750     1103503
            LIGHT DUTY TRUCKS            20206        1034       15226       32079      415775
            HEAVY DUTY VEHICLES           2930         239        5072       11999      235903
            OFF HIGHWAY                    163          85        1844        4913       62109
            TOTAL (GASOLINE)             84161        3435       56303      134741     1817290
        DIESEL

            HEAVY DUTY VEHICLES           7125        3001       13974        7776       19192
            OFF HIGHWAY                   1509        1180       14237        2166        4305
            RAIL                           873        1975       12837        3117        4510
            TOTAL (DIESEL)                9507        6156       41048       13059       28007
    AIRCRAFT

        MILITARY                          1334          86         685        1571        3241
        CIVIL                               43          21         218         689       13775
        COMMERCIAL                         100         233        2419        2144        6662
        TOTAL (AIRCRAFT)                  1477         340        3322        4404       23678
    VESSELS

        GASOLINE                             0           9          91        2113        7531
        TOTAL (VESSELS)                      0           9          91        2113        7531
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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:06 COLORADO         AQCR:036 METROPOLITAN DENVER                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                        POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX           NOX           VOC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              24            44             4            14           128
         DISTILLATE OIL                2            46            19             0             5
         NATURAL GAS                  72            13          2389           127           479
         WOOD                       1747            18           138          3628         10788
         TOTAL (RESIDENTIAL)        1845           121          2550          3769         11400

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1393         25458         38531           122          1041
         RESIDUAL OIL                  1            96            87             1             6
         NATURAL GAS                  15             2          1912             6           166
         TOTAL (ELEC GEN)           1409         25556         40530           129          1213

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             34           498           197            26            52
         RESIDUAL OIL
            AREA SOURCES              10           111            30             0             1
            POINT SOURCES             34           148           122             4             3
         DISTILLATE OIL
            AREA SOURCES              46           707           532            18           125
            POINT SOURCES              0            23             7             0             1
         NATURAL GAS
            AREA SOURCES              27             7          9658          3461          1266
            POINT SOURCES             32           318          3955           117           330
         COKE
            POINT SOURCES              3          1486           351           290         17992
         LIQUID PETROL GAS
            POINT SOURCES              0             1             1             0             0
         BAGASSE
            POINT SOURCES             13           143           158            22             1
         OTHER
            POINT SOURCES              1            23            10             0             2
         TOTAL (INDUSTRIAL)
            AREA SOURCES              83           825         10220          3479          1392
            POINT SOURCES            117          2640          4801           459         18381

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               0             1             0             0             0
            POINT SOURCES             28            14             7             0             2
```

VESSELS					
GASOLINE	0	0	3	84	299
TOTAL (VESSELS)	0	0	3	84	299
TOTAL (TRANSPORTATION)	852	163	1915	2024	23215
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	362	1	85	408	2979
FOREST MANAGED BURNING	107	1	21	77	599
STRUCTURAL FIRES	10	0	0	8	42
GASOLINE STA EVAP LOSS	0	0	0	165	0
SOLVENT EVAPORATION LOSS	0	0	0	374	0
UNPAVED ROADS	43967	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	44468	2	106	1032	3620
GRAND TOTAL					
***********					
AREA SOURCES	48826	221	2421	10353	48506
POINT SOURCES	364	13	338	290	3395
TOTAL	49190	234	2759	10643	51901

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:07 CONNECTICUT AQCR:042 HARTFORD-NEW HAVEN-SPRINGFIELD

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	11	28	3	11	92
BITUMINOUS COAL	3	7	0	1	11
DISTILLATE OIL	358	4126	2579	101	717
NATURAL GAS	34	7	1099	58	219
WOOD	7068	75	558	14675	43617
TOTAL (RESIDENTIAL)	7474	4243	4239	14846	44656
ELEC GENERATION (POINT)					
RESIDUAL OIL	652	13860	13882	157	1036
DISTILLATE OIL	1	44	31	0	6
TOTAL (ELEC GEN)	653	13904	13913	157	1042
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	14	1	5	0	4
RESIDUAL OIL					
POINT SOURCES	235	3158	2142	11	194
DISTILLATE OIL					
AREA SOURCES	19	183	206	7	48
POINT SOURCES	12	145	49	0	12
NATURAL GAS					
AREA SOURCES	10	2	602	20	58
POINT SOURCES	4	1	474	3	47
TOTAL (INDUSTRIAL)					
AREA SOURCES	29	185	808	27	106
POINT SOURCES	265	3305	2670	14	257
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	48	160	57	0	3
BITUMINOUS COAL					
AREA SOURCES	5	31	5	0	3
RESIDUAL OIL					
POINT SOURCES	79	1099	759	16	69
DISTILLATE OIL					
AREA SOURCES	73	1044	725	12	182
POINT SOURCES	2	28	16	0	4
NATURAL GAS					
AREA SOURCES	18	3	605	31	121

```
    AREA SOURCES                                31927          10099          27164          43856          243189
    POINT SOURCES                                7277          96994          48588          17426            2530
    TOTAL                                       39204         107093          75752          61282          245719
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                  AREA SOURCES              231          863         1036          53         321
                  POINT SOURCES             252         4195         1874          35         340
        TOTAL (EXTERNAL COMB)
                  AREA SOURCES              588         1280         2124         704        2392
                  POINT SOURCES            1180        12755         5387          61        1307
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    5           15           64           5          15
            TOTAL (ELEC GEN)                  5           15           64           5          15
        INDUSTRIAL FUEL

            NATURAL GAS                       0            0            5           0           1
            TOTAL (INDUSTRIAL)                0            0            5           0           1

        TOTAL (INTERNAL COMB)                 5           15           69           5          16
    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES              588         1280         2124         704        2392
                  POINT SOURCES            1185        12770         5456          66        1323
INDUSTRIAL PROCESS (POINT)
***************************

    MINERAL PRODUCTS                          9            5            3           5           2
    PETROLEUM INDUSTRY                        0            1            2           0           0
    ORGANIC SOLVENT EVAPORATION               0            0            0         449           0
    PETROLEUM STORAGE/TRANSPORT               0            0            0         221           0
    OTHER/NOT CLASSIFIED                      1            0            0           0           0
    TOTAL (INDUSTRIAL)                       10            6            5         675           2
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              460          487          500         145        4846
        TOTAL (GOVERNMENT)                  460          487          500         145        4846
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 38            1            1         107         320
        TOTAL (RESIDENTIAL)                  38            1            1         107         320
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES              589          186          279         341         806
        TOTAL (COMM-INST)
                  AREA SOURCES              589          186          279         341         806
    INDUSTRIAL

        ON SITE INCINERATION
                  POINT SOURCES              11            4            5           5          16
        TOTAL (INDUSTRIAL)
                  POINT SOURCES              11            4            5           5          16
    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              627          187          280         448        1126
                  POINT SOURCES             471          491          505         150        4862
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*** C01 ***                                                                                    *** C01 ***
    65.        00      10      052
    66.        00      11                                                      45
    67.        00      11      002                                             25
    68.        00      11      049                                             45
    69.        00      11      053                                             45
    70.        00      11      054                                             45
    71.        00      11      055                                             45
    72.        00      11      056                                             45
    73.        00      11      057                                             45
    74.        00      11      058                                             45
    75.        00      11      059                                             45
    76.        00      12                                                      45
    77.        00      12      060                                             25
    78.        00      13                                                      45
    79.        00      13      061                                             25
    80.        00      13      062                                             45
    81.        00      13      063                                             45
    82.        00      13      064                                             45
    83.        00      14                                                      45
    84.        00      14      065                                             25
    85.        00      14      066                                             45
    86.        00      14      067                                             45
    87.        00      14      068                                             45
    88.        00      14      069                                             45
    89.        00      14      070                                             45
    90.        00      14      071                                             45
    91.        00      14      072                                             45
    92.        00      14      073                                             45
    93.        00      14      074                                             45
    94.        00      14      075                                             45
    95.        00      15                                                      45
    96.        00      15      067                                             25
    97.        00      15      076                                             45
    98.        00      15      077                                             45
    99.        00      15      078                                             45
   100.        00      15      079                                             45
   101.        00      15      080                                             45
   102.        00      15      081                                             45
   103.        00      15      082                                             45
   104.        00      15      083                                             45
   105.        00      15      084                                             45
   106.        00      16                                                      45
   107.        00      16      065                                             25
   108.        00      16      068                                             45
   109.        00      16      069                                             45
   110.        00      16      085                                             45
   111.        00      16      086                                             45
   112.        00      16      087                                             45
   113.        00      16      088                                             45
   114.        00      16      089                                             45
   115.        00      16      090                                             45
   116.        00      16      091                                             45
   117.        00      16      092                                             45
   118.        00      16      093                                             45
   119.        00      17                                                      45
   120.        00      17      094                                             25
   121.        00      17      095                                             45
   122.        00      17      096                                             45
   123.        00      17      097                                             45
   124.        00      17      098                                             45
   125.        00      17      099                                             45
   126.        00      17      100                                             45
   127.        00      18                                                      45
   128.        00      18      072                                             25
   129.        00      18      077                                             45
   130.        00      18      078                                             45
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*** C02 ***
                                                                                                   *** C02 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
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                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE EMISSIONS REPORT
******************************                                                 RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE 01:ALABAMA                                                   AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              452           2327             88            301           2700
         DISTILLATE OIL                 4            123             68              0             14
         NATURAL GAS                   90             11           3145            171            628
         WOOD                       13531            143           1071          28090          83497
         TOTAL (RESIDENTIAL)        14077           2604           4372          28562          86839

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            16473         560101         247212            682           5867
         DISTILLATE OIL                 0             82             35              0              6
         NATURAL GAS                    0              1            489              1             35
         PROCESS GAS                    5              0            536              0              6
         OTHER                        606             35           4727            468           1183
         TOTAL (ELEC GEN)           17084         560219         252999           1151           7097

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             3656          36435           7247             21            936
            POINT SOURCES            6427          46002          10036             46           2301
         RESIDUAL OIL
            POINT SOURCES            2984          51387          10149             65            769
         DISTILLATE OIL
            POINT SOURCES             208           1267            440              6            108
         NATURAL GAS
            AREA SOURCES              136             21          49856          18024           6570
            POINT SOURCES             255            441          11154             85            934
         PROCESS GAS
            AREA SOURCES               14             56             63              1              2
            POINT SOURCES            1081          16155           3981             27           1607
         COKE
            POINT SOURCES               7             47             51              0              1
         WOOD
            POINT SOURCES            5444           1899           1725           1936           4549
         LIQUID PETROL GAS
            POINT SOURCES               0              0             13              0              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES             3806          36512          57166          18046           7508
            POINT SOURCES           16406         117198          37549           2165          10272

      COMM-INSTITUTIONAL FUEL
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LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	7406	325	7210	8743	83031
LIGHT DUTY TRUCKS	1995	123	2579	3053	25157
HEAVY DUTY VEHICLES	365	33	1071	1147	18258
OFF HIGHWAY	27	13	280	748	9451
TOTAL (GASOLINE)	9793	494	11140	13691	135897
DIESEL					
HEAVY DUTY VEHICLES	1049	492	4444	563	1719
OFF HIGHWAY	163	128	1525	233	460
RAIL	249	565	3676	892	1290
TOTAL (DIESEL)	1461	1185	9645	1688	3469
AIRCRAFT					
CIVIL	2	1	11	34	718
TOTAL (AIRCRAFT)	2	1	11	34	718
VESSELS					
GASOLINE	0	10	55	1203	4289
TOTAL (VESSELS)	0	10	55	1203	4289
TOTAL (TRANSPORTATION)	11256	1690	20851	16616	144373
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	4035	36	949	4558	33233
FOREST MANAGED BURNING	702	5	141	501	3928
AGRICULTURAL BURNING	66	0	8	60	432
STRUCTURAL FIRES	114	0	10	85	467
GASOLINE STA EVAP LOSS	0	0	0	1761	0
SOLVENT EVAPORATION LOSS	0	0	0	5769	0
UNPAVED ROADS	16706	0	0	0	0
TOTAL (MISCELLANEOUS)	21623	41	1108	12734	38060
GRAND TOTAL ***********					
AREA SOURCES	35858	4910	27489	35849	198376
POINT SOURCES	9187	35725	17536	1378	26257
TOTAL	45045	40635	45025	37227	224633

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*** C04 ***
                                                                                                   *** C04 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************
STATE/AQCR EMISSIONS REPORT
****************************                                              RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:01 ALABAMA      AQCR:007 TENNESSEE RIVER VALLEY-CUMBERL    AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             186            954             37            123           1104
         DISTILLATE OIL                2             41             25              0              6
         NATURAL GAS                  18              2            578             31            117
         WOOD                       1478             16            117           3069           9125
         TOTAL (RESIDENTIAL)        1684           1013            757           3223          10352

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            4270         215541          66749            222           1907
         DISTILLATE OIL                0             55             21              0              4
         OTHER                        40              4             87             53            124
         TOTAL (ELEC GEN)           4310         215600          66857            275           2035

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             979           9762           1943              6            250
            POINT SOURCES            525          25802           4944             26           1525
         RESIDUAL OIL
            POINT SOURCES           1771          22897           5674             43            363
         DISTILLATE OIL
            POINT SOURCES             87            189             44              3             11
         NATURAL GAS
            AREA SOURCES              46              8          16400           5928           2162
            POINT SOURCES             49              3           2530             37            161
         WOOD
            POINT SOURCES            101             16             90            102            238
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1025           9770          18343           5934           2412
            POINT SOURCES           2533          48907          13282            211           2298

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               8             27              8              0              0
         BITUMINOUS COAL
            AREA SOURCES              30            212             28              0             15
         DISTILLATE OIL
            AREA SOURCES               8            140             99              1             26
            POINT SOURCES              1             17             10              0              2
         NATURAL GAS
            AREA SOURCES               5              0            234             11             48
```

TOTAL (INDUSTRIAL)					
AREA SOURCES	3	0	1	4	12
POINT SOURCES	29	12	29	42	124
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	716	21	135	1287	3966
POINT SOURCES	33	12	29	46	131
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	742	33	807	1043	9556
LIGHT DUTY TRUCKS	643	41	977	1195	9829
HEAVY DUTY VEHICLES	67	6	245	274	3898
OFF HIGHWAY	2	1	37	98	1240
TOTAL (GASOLINE)	1454	81	2066	2610	24523
DIESEL					
HEAVY DUTY VEHICLES	133	63	703	91	238
OFF HIGHWAY	41	33	397	61	121
RAIL	13	30	189	46	66
TOTAL (DIESEL)	187	126	1289	198	425
AIRCRAFT					
MILITARY	441	29	226	519	1073
CIVIL	6	4	33	104	2063
COMMERCIAL	9	21	219	194	602
TOTAL (AIRCRAFT)	456	54	478	817	3738
VESSELS					
DIESEL FUEL	4	5	34	8	12
GASOLINE	0	1	8	182	652
TOTAL (VESSELS)	4	6	42	190	664
TOTAL (TRANSPORTATION)	2101	267	3875	3815	29350
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	503	4	119	568	4139
FOREST MANAGED BURNING	15	0	3	11	84
STRUCTURAL FIRES	18	0	1	14	76
GASOLINE STA EVAP LOSS	0	0	0	392	0
SOLVENT EVAPORATION LOSS	0	0	0	613	0
UNPAVED ROADS	80602	0	0	0	0
UNPAVED AIRSTRIPS	483	0	0	0	0
TOTAL (MISCELLANEOUS)	81621	4	123	1598	4299
GRAND TOTAL ***********					
AREA SOURCES	85714	676	4579	9310	45424
POINT SOURCES	3673	4428	11135	799	3138
TOTAL	89387	5104	15714	10109	48562

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                                    NATIONAL EMISSIONS DATA SYSTEM
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                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:     MONDAY   NOVEMBER 28, 1983
STATE:03 ARIZONA       AQCR:012 ARIZONA-NEW MEXICO-SOUTHERN BO   AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                  2              0             92              6             18
         TOTAL (RESIDENTIAL)          2              0             92              6             18

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            429            335          13067             44            373
         RESIDUAL OIL                 0              0             18              0              1
         NATURAL GAS                  0              0            622              2             45
         TOTAL (ELEC GEN)           429            335          13707             46            419

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             69            377            188              1             24
            POINT SOURCES             1            193            129             18            149
         RESIDUAL OIL
            POINT SOURCES             6             78             16              0              1
         DISTILLATE OIL
            AREA SOURCES              1             16             12              0              3
            POINT SOURCES             0             18              4              0              1
         NATURAL GAS
            AREA SOURCES              0              0            175             70             24
            POINT SOURCES             2              0            558              1             42
         TOTAL (INDUSTRIAL)
            AREA SOURCES             70            393            375             71             51
            POINT SOURCES             9            289            707             19            193

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            65            181            216              1              6
         RESIDUAL OIL
            AREA SOURCES              0              3              1              0              0
         DISTILLATE OIL
            AREA SOURCES              0              1              0              0              0
         NATURAL GAS
            AREA SOURCES              0              0              5              0              1
            POINT SOURCES             0              0            257              1             19
         OTHER
            POINT SOURCES             1              0              2              0              0
         TOTAL (COMM-INST)
            AREA SOURCES              0              4              6              0              1
            POINT SOURCES            66            181            475              2             25
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POINT SOURCES	22325	431742	23159	11078	46435
TOTAL	570408	457682	153064	155330	909509

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RESIDENTIAL (AREA)					
ON SITE INCINERATION	14	0	0	39	117
OPEN BURNING	105	4	27	142	451
TOTAL (RESIDENTIAL)	119	4	27	181	568
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	3	1	2	2	5
TOTAL (COMM-INST) AREA SOURCES	3	1	2	2	5
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	1	0	0	1	2
OPEN BURNING AREA SOURCES	2	0	1	3	10
TOTAL (INDUSTRIAL) AREA SOURCES	3	0	1	4	12
TOTAL (SOLID WASTE DISP) AREA SOURCES	125	5	30	187	585
TRANSPORTATION (AREA)					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1605	53	1121	1510	15880
LIGHT DUTY TRUCKS	537	24	460	599	5569
HEAVY DUTY VEHICLES	46	3	103	142	2227
OFF HIGHWAY	2	1	20	54	681
TOTAL (GASOLINE)	2190	81	1704	2305	24357
DIESEL					
HEAVY DUTY VEHICLES	158	63	582	86	266
OFF HIGHWAY	41	32	388	59	117
RAIL	31	70	451	110	159
TOTAL (DIESEL)	230	165	1421	255	542
AIRCRAFT					
MILITARY	1	0	0	1	2
CIVIL	1	1	5	16	320
COMMERCIAL	0	0	0	0	1
TOTAL (AIRCRAFT)	2	1	5	17	323
VESSELS					
DIESEL FUEL	5	6	44	11	15
GASOLINE	0	4	24	535	1908
TOTAL (VESSELS)	5	10	68	546	1923
TOTAL (TRANSPORTATION)	2427	257	3198	3123	27145
MISCELLANEOUS (AREA)					
FOREST WILDFIRES	9	0	2	11	77

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*** C09 ***
                                                                                                   *** C09 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
****************************                                       RUN DATE:            MONDAY   NOVEMBER 28, 1983
STATE:04 ARKANSAS      AQCR:022 SHREVEPORT-TEXARKANA-TYLER   AREA EMISSIONS AS OF:      TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              2              2              0              0
         NATURAL GAS                   3              0            160             10             33
         WOOD                        339              4             29            705           2097
         TOTAL (RESIDENTIAL)         342              6            191            715           2130
      ELEC GENERATION (POINT)

         RESIDUAL OIL                  5             61             29              0              2
         TOTAL (ELEC GEN)              5             61             29              0              2
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              37            371             74              0             10
            POINT SOURCES            248           1550           4031              4             38
         RESIDUAL OIL
            POINT SOURCES              0             16              0              0              0
         DISTILLATE OIL
            AREA SOURCES               6             51             58              1             15
         NATURAL GAS
            AREA SOURCES               4              0           1640            610            218
         PROCESS GAS
            POINT SOURCES              0              0             74              0              0
         WOOD
            POINT SOURCES           1591             23            306            285            696
         TOTAL (INDUSTRIAL)
            AREA SOURCES              47            422           1772            611            243
            POINT SOURCES           1839           1589           4411            289            734
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               1             21              6              0              0
         DISTILLATE OIL
            AREA SOURCES               1             22             16              0              4
         NATURAL GAS
            AREA SOURCES               1              0             68              3             14
         TOTAL (COMM-INST)
            AREA SOURCES               3             43             90              3             18
      TOTAL (EXTERNAL COMB)
            AREA SOURCES             392            471           2053           1329           2391
            POINT SOURCES           1844           1650           4440            289            736
```

```
*** C10 ***                                                                                             *** C10 ***
     TOTAL (TRANSPORTATION)                 430682         56677        398623        405703       3858902

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                         7707            67          1812          8704         63463
     FOREST MANAGED BURNING                     91             0            19            65           508
     AGRICULTURAL BURNING                       21             0             3            19           143
     STRUCTURAL FIRES                         2928             0           275          2191         11914
     GASOLINE STA EVAP LOSS                      0             0             0         50851             0
     SOLVENT EVAPORATION LOSS                    0             0             0        177611             0
     UNPAVED ROADS                          223080             0             0             0             0
     UNPAVED AIRSTRIPS                         670             0             0             0             0
     TOTAL (MISCELLANEOUS)                  234497            67          2109        239441         76028

GRAND TOTAL
***********

     AREA SOURCES                           689504         69985        442169        698706       4080435

     POINT SOURCES                           42981        149007        200749        234441        124986

     TOTAL                                  732485        218992        642918        933147       4205421
```

```
*** C11 ***
    INTERNAL COMBUSTION (POINT)                                                                              *** C11 ***

        INDUSTRIAL FUEL

            NATURAL GAS                          1            0            31            3            9
            TOTAL (INDUSTRIAL)                   1            0            31            3            9

        ENGINE-TESTING

            TOTAL (ENG TESTNG)                   6            0             0            0            7

        TOTAL (INTERNAL COMB)                    7            0            31            3           16

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 12002          953          5023        24703        72618
                POINT SOURCES                 1540          900          5925         5081         6747
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     125            0            10         3423            1
    FOOD/AGRICULTURAL                         2632            1           149            5           16
    SECONDARY METALS                             9            0             0            1            0
    MINERAL PRODUCTS                          3277          211           508           85          270
    WOOD PRODUCTS                             1192          416           220          156          384
    ORGANIC SOLVENT EVAPORATION                  3            0             0         2536            0
    PETROLEUM STORAGE/TRANSPORT                  0            0             0         2069            0
    OTHER/NOT CLASSIFIED                         1           25            28            0            5
    TOTAL (INDUSTRIAL)                        7239          653           915         8275          676
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                            29            2            11           76          155
        TOTAL (GOVERNMENT)                      29            2            11           76          155

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  1269           20            40         3565        10699
        OPEN BURNING                           470           17           120          634         2014
        TOTAL (RESIDENTIAL)                   1739           37           160         4199        12713

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                     6            2             3            4           11
        OPEN BURNING
                AREA SOURCES                     2            0             1            3            9
        TOTAL (COMM-INST)
                AREA SOURCES                     8            2             4            7           20

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    11            1             1           10           19
                POINT SOURCES                  775           19           323         1065        12045
        OPEN BURNING
                AREA SOURCES                    21            0             9           34          115
                POINT SOURCES                   61            0             3           20          105
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    32            1            10           44          134
                POINT SOURCES                  836           19           326         1085        12150
```

```
*** C12 ***                                                                                              *** C12 ***
             AREA SOURCES                 12          1          1         12         20
             POINT SOURCES               305         10         45        407       4821
      OPEN BURNING
             AREA SOURCES                 22          0          8         37        130
      TOTAL (INDUSTRIAL)
             AREA SOURCES                 34          1          9         49        150
             POINT SOURCES               305         10         45        407       4821
   TOTAL (SOLID WASTE DISP)
             AREA SOURCES               2623         58        251       6286      19003
             POINT SOURCES               412         20         88        642       5394
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES          43637       1447      28467      41813     371644
          LIGHT DUTY TRUCKS            17498        808      14049      19802     158237
          HEAVY DUTY VEHICLES           2262        165       4618       4500      96402
          OFF HIGHWAY                    118         63       1310       3489      44102
          TOTAL (GASOLINE)             63315       2483      48444      69604     670385
       DIESEL

          HEAVY DUTY VEHICLES           7053       2842      23212       3841      11894
          OFF HIGHWAY                   2008       1573      18917       2882       5717
          RAIL                           374        852       5529       1344       1943
          TOTAL (DIESEL)                9435       5267      47658       8067      19554
    AIRCRAFT

       MILITARY                         1712        111        880       2014       4159
       CIVIL                              22         12        106        322       6440
       COMMERCIAL                         21         49        502        445       1382
       TOTAL (AIRCRAFT)                 1755        172       1488       2781      11981
    VESSELS

       DIESEL FUEL                        44         53        400        100        140
       RESIDUAL OIL                       88       1166        192         11          6
       GASOLINE                            0         15         83       1800       6414
       TOTAL (VESSELS)                   132       1234        675       1911       6560

   TOTAL (TRANSPORTATION)              74637       9156      98265      82363     708480
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     4941         43       1163       5579      40684
   FOREST MANAGED BURNING               5748         42       1150       4109      32185
   AGRICULTURAL BURNING                 2561          0        363       2362      17019
   STRUCTURAL FIRES                      488          0         46        365       1990
   GASOLINE STA EVAP LOSS                  0          0          0       9498          0
   SOLVENT EVAPORATION LOSS                0          0          0      24596          0
   UNPAVED ROADS                      105000          0          0          0          0
   UNPAVED AIRSTRIPS                     361          0          0          0          0
   TOTAL (MISCELLANEOUS)              119099         85       2722      46509      91878
GRAND TOTAL
***********

   AREA SOURCES                       204007      11141     108716     150933     863684
```

TOTAL (TRANSPORTATION)	95145	9940	100764	154317	1876506

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	2916	21	689	3291	24014
FOREST MANAGED BURNING	4653	39	927	3324	26040
STRUCTURAL FIRES	629	0	52	469	2564
GASOLINE STA EVAP LOSS	0	0	0	13851	0
SOLVENT EVAPORATION LOSS	0	0	0	38138	0
UNPAVED ROADS	947760	0	0	0	0
UNPAVED AIRSTRIPS	622	0	0	0	0
TOTAL (MISCELLANEOUS)	956580	60	1668	59073	52618

GRAND TOTAL
****

AREA SOURCES	1066085	12449	123048	247394	2019399
POINT SOURCES	49429	114961	171659	23020	112600
TOTAL	1115514	127410	294707	270414	2131999

```
          RESIDUAL OIL
             POINT SOURCES            121          1577           378             8            30
          DISTILLATE OIL
             POINT SOURCES            745          2844           496             8           124
          NATURAL GAS
             POINT SOURCES             44            12          6971            56           752
          LIQUID PETROL GAS
             POINT SOURCES              0             6             3             0             1
          OTHER
             POINT SOURCES              2             1            15             3             4
          TOTAL (COMM-INST)
             AREA SOURCES               0             1             0             0             0
             POINT SOURCES            940          4454          7870            75           913

       TOTAL (EXTERNAL COMB)
             AREA SOURCES            1928           947         12770          7248         12792
             POINT SOURCES           2466         32650         53201           663         20507

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL               10            11           150            11            32
          NATURAL GAS                  12             0          1316            33           208
          TOTAL (ELEC GEN)             22            11          1466            44           240

       INDUSTRIAL FUEL

          NATURAL GAS                   3             0           865            21           110
          TOTAL (INDUSTRIAL)            3             0           865            21           110

       TOTAL (INTERNAL COMB)           25            11          2331            65           350

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES            1928           947         12770          7248         12792
             POINT SOURCES           2491         32661         55532           728         20857
 INDUSTRIAL PROCESS (POINT)
 **************************

    CHEMICAL MANUFACTURING             19            30             1           264             0
    FOOD/AGRICULTURAL                 775             0             0             0             0
    PRIMARY METAL                      20             0             0             0             0
    SECONDARY METALS                  392           122             1             0             0
    MINERAL PRODUCTS                 5249          4641          1255           123            65
    PETROLEUM INDUSTRY                199          1720           333          1045         42495
    WOOD PRODUCTS                      25             0             0             0             0
    ORGANIC SOLVENT EVAPORATION         0             0             0         10823             0
    PETROLEUM STORAGE/TRANSPORT         1             0             0          1250             0
    METAL FABRICATION                 114             0             0            70             0
    OTHER/NOT CLASSIFIED               30           749             0           720             0
    TOTAL (INDUSTRIAL)               6824          7262          1590         14295         42560
 SOLID WASTE DISPOSAL
 ********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION          1334            21            40          3750         11254
       OPEN BURNING                   921            34           235          1242          3938
       TOTAL (RESIDENTIAL)           2255            55           275          4992         15192

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
```

```
SELECT CARD = <06    040                                                    45>
```

```
*** C16 ***
            POINT SOURCES                 3            0          154            2           33     *** C16 ***
        TOTAL (COMM-INST)
            AREA SOURCES                144         1238         1392           43          309
            POINT SOURCES                85         1127          929           18          106

     TOTAL (EXTERNAL COMB)
            AREA SOURCES               7647         5666         6439        14916        45071
            POINT SOURCES              1002        18336        17512          189         1405

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   0            1            1            0            0
         OTHER                            3            3           37            3            8
         TOTAL (ELEC GEN)                 3            4           38            3            8

      INDUSTRIAL FUEL

         DISTILLATE OIL                   2            2           32            2            7
         NATURAL GAS                      3            0           62            1           24
         DIESEL FUEL                      4            2           65            2           17
         TOTAL (INDUSTRIAL)               9            4          159            5           48

      ENGINE-TESTING

         TOTAL (ENG TESTNG)             136          136          173          474          365

      TOTAL (INTERNAL COMB)             148          144          370          482          421

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               7647         5666         6439        14916        45071
            POINT SOURCES              1150        18480        17882          671         1826
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                22            0            0          474            0
   FOOD/AGRICULTURAL                      2            0            0            0            0
   SECONDARY METALS                     258           24            3           22           68
   MINERAL PRODUCTS                    1080           87           57           97           47
   WOOD PRODUCTS                          4            0            0            0            0
   ORGANIC SOLVENT EVAPORATION            0            0            0         5444            0
   PETROLEUM STORAGE/TRANSPORT            0            0            0         1111            0
   METAL FABRICATION                     32            0            0            5            0
   TEXTILE MANUFACTURING                  8            0            0          734            0
   OTHER/NOT CLASSIFIED                   6            5           18          502            0
   TOTAL (INDUSTRIAL)                  1412          116           78         8389          115
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION            365           76           92           46         1066
      OTHER INCINERATION                655           50          259           43            0
      TOTAL (GOVERNMENT)               1020          126          351           89         1066

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             1008           16           31         2836         8508
      OPEN BURNING                     1566           59          401         2112         6702
      TOTAL (RESIDENTIAL)              2574           75          432         4948        15210

   COMMERCIAL-INSTITUTIONAL
```

```
*** C17 ***
SELECT CARD = <08    045                                                    45>
                                                                                 *** C17 ***
*** C18 ***                                                                                  *** C18 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         15506         411        8699       13829      152587
         LIGHT DUTY TRUCKS            1127          41         805        1248       12261
         HEAVY DUTY VEHICLES           758          47        1346        2297       35585
         OFF HIGHWAY                    41          22         453        1205       15237
         TOTAL (GASOLINE)            17432         521       11303       18579      215670

      DIESEL

         HEAVY DUTY VEHICLES           990         349        3255         545        1706
         OFF HIGHWAY                    39          31         371          57         112
         RAIL                            9          20         131          32          46
         TOTAL (DIESEL)               1038         400        3757         634        1864

   AIRCRAFT

      MILITARY                          70           5          36          83         171
      CIVIL                              2           1           8          25         493
      COMMERCIAL                        60         139        1439        1276        3963
      TOTAL (AIRCRAFT)                 132         145        1483        1384        4627

   VESSELS

      GASOLINE                           0           2          10         218         775
      TOTAL (VESSELS)                    0           2          10         218         775

   TOTAL (TRANSPORTATION)            18602        1068       16553       20815      222936

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                    216           0          20         162         881
   GASOLINE STA EVAP LOSS                0           0           0        1707           0
   SOLVENT EVAPORATION LOSS              0           0           0        6491           0
   TOTAL (MISCELLANEOUS)               216           0          20        8360         881

GRAND TOTAL
***********

   AREA SOURCES                      20033        2535       18977       30327      227335

   POINT SOURCES                      1666       13267        5966         891        6187

   TOTAL                             21699       15802       24943       31218      233522
```

```
*** D01 ***
   131.        00    18   079
   132.        00    18   101                                          45               *** D01 ***
   133.        00    18   102                                          45
   134.        00    18   103                                          45
   135.        00    18   104                                          45
   136.        00    18   105                                          45
   137.        00    19                                                45
   138.        00    19   019                                          25
   139.        00    19   022                                          45
   140.        00    19   106                                          45
   141.        00    20                                                45
   142.        00    20   107                                          25
   143.        00    20   108                                          45
   144.        00    20   109                                          45
   145.        00    20   110                                          45
   146.        00    20   111                                          45
   147.        00    21                                                45
   148.        00    21   047                                          25
   149.        00    21   112                                          45
   150.        00    21   113                                          45
   151.        00    21   114                                          45
   152.        00    21   115                                          45
   153.        00    21   116                                          45
   154.        00    22                                                45
   155.        00    22   042                                          25
   156.        00    22   117                                          45
   157.        00    22   118                                          45
   158.        00    22   119                                          45
   159.        00    22   120                                          45
   160.        00    22   121                                          45
   161.        00    23                                                45
   162.        00    23   082                                          25
   163.        00    23   122                                          45
   164.        00    23   123                                          45
   165.        00    23   124                                          45
   166.        00    23   125                                          45
   167.        00    23   126                                          45
   168.        00    24                                                45
   169.        00    24   127                                          25
   170.        00    24   128                                          45
   171.        00    24   129                                          45
   172.        00    24   130                                          45
   173.        00    24   131                                          45
   174.        00    24   132                                          45
   175.        00    24   133                                          45
   176.        00    25                                                45
   177.        00    25   005                                          25
   178.        00    25   018                                          45
   179.        00    25   134                                          45
   180.        00    25   135                                          45
   181.        00    26                                                45
   182.        00    26   070                                          25
   183.        00    26   094                                          45
   184.        00    26   137                                          45
   185.        00    26   138                                          45
   186.        00    26   139                                          45
   187.        00    27                                                45
   188.        00    27   140                                          25
   189.        00    27   141                                          45
   190.        00    27   142                                          45
   191.        00    27   143                                          45
   192.        00    27   144                                          45
   193.        00    28                                                45
   194.        00    28   085                                          25
   195.        00    28   086                                          45
   196.        00    28   145                                          45
                                                                       45
```

```
*** D02 ***                                                                                  *** D02 ***
          ANTHRACITE COAL
              AREA SOURCES                36          133           42            0            1
          BITUMINOUS COAL
              AREA SOURCES               166         1110          142            4           79
          RESIDUAL OIL
              POINT SOURCES                3           43            7            0            0
          DISTILLATE OIL
              AREA SOURCES                46          780          546            5          136
              POINT SOURCES                2          122           28            0            6
          NATURAL GAS
              AREA SOURCES                31            4         1305           61          262
              POINT SOURCES                1            0          185            1           17
          WOOD
              POINT SOURCES              124           10           47          119          281
          TOTAL (COMM-INST)
              AREA SOURCES               279         2027         2035           70          478
              POINT SOURCES              130          175          267          120          304

      TOTAL (EXTERNAL COMB)
              AREA SOURCES             18162        41143        63573        46678        94825
              POINT SOURCES            33620       677592       290815         3436        17673

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                   0           37           34            2            7
          TOTAL (ELEC GEN)                 0           37           34            2            7

       INDUSTRIAL FUEL

          DISTILLATE OIL                   0            2            0            1            0
          NATURAL GAS                      0            0            8            2            3
          TOTAL (INDUSTRIAL)               0            2            8            3            3

       TOTAL (INTERNAL COMB)               0           39           42            5           10

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES             18162        41143        63573        46678        94825
              POINT SOURCES            33620       677631       290857         3441        17683
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               1596        33301         6861        16218        34849
   FOOD/AGRICULTURAL                    2634          495            0         1076            0
   PRIMARY METAL                       22837        16552          539         6863        38504
   SECONDARY METALS                     3270         4521         1437           39        89010
   MINERAL PRODUCTS                     8318         9813         6380         1096         2788
   PETROLEUM INDUSTRY                   1214         9026          670         3669         1531
   WOOD PRODUCTS                       13206         8150         4000          199        80548
   ORGANIC SOLVENT EVAPORATION            60            0            0         3682            0
   PETROLEUM STORAGE/TRANSPORT            80            0            0         1338            0
   METAL FABRICATION                     534            0            0            0            0
   TEXTILE MANUFACTURING                   5            0            0            0            0
   OTHER/NOT CLASSIFIED                  157         2500            0          605            0
   TOTAL (INDUSTRIAL)                  53911        84358        19887        34785       247230
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              2220           27           63         6249        18735
      OPEN BURNING                      6452          238         1650         8694        27598
```

```
SELECT CARD = <01     004                                                                      45>
STATE 01 COUNTY 1700 NOT FOUND IN POINT FILE
```

```
*** D04 ***                                                                                        *** D04 ***
                    POINT SOURCES              0            0            1            0            0
           TOTAL (COMM-INST)
                    AREA SOURCES              51          379          369           12           89
                    POINT SOURCES              1           17           11            0            2

        TOTAL (EXTERNAL COMB)
                    AREA SOURCES            2760        11162        19469         9169        12853
                    POINT SOURCES           6844       264524        80150          486         4335

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                      0           33           32            2            7
           TOTAL (ELEC GEN)                    0           33           32            2            7

        TOTAL (INTERNAL COMB)                  0           33           32            2            7

     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES            2760        11162        19469         9169        12853
                    POINT SOURCES           6844       264557        80182          488         4342
  INDUSTRIAL PROCESS (POINT)
  ***************************

     CHEMICAL MANUFACTURING                  686            1         6113        13317         9641
     FOOD/AGRICULTURAL                      2243          495            0         1076            0
     PRIMARY METAL                          2065         1609            5            2        26383
     SECONDARY METALS                       1144            3           18            6            7
     MINERAL PRODUCTS                       1921           56           83          661          140
     PETROLEUM INDUSTRY                     1046            0            0            0            0
     WOOD PRODUCTS                           186          535          198            0         4066
     PETROLEUM STORAGE/TRANSPORT               0            0            0            1            0
     METAL FABRICATION                        12            0            0            0            0
     TEXTILE MANUFACTURING                     5            0            0            0            0
     OTHER/NOT CLASSIFIED                      0            0            0           11            0
     TOTAL (INDUSTRIAL)                     9308         2699         6417        15074        40237
  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                 453            6           14         1275         3823
        OPEN BURNING                        1128           41          291         1523         4829
        TOTAL (RESIDENTIAL)                 1581           47          305         2798         8652

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                    POINT SOURCES             20            4            5           20           32
        OPEN BURNING
                    AREA SOURCES              15            0            3           27           63
        TOTAL (COMM-INST)
                    AREA SOURCES              15            0            3           27           63
                    POINT SOURCES             20            4            5           20           32

     INDUSTRIAL

        ON SITE INCINERATION
                    POINT SOURCES            283           69          101          266          452
        OPEN BURNING
                    AREA SOURCES              25            0           11           39          135
        TOTAL (INDUSTRIAL)
                    AREA SOURCES              25            0           11           39          135
```

```
*** D05 ***
SELECT CARD = <02    010                                                        45>        *** D05 ***
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	72	397	473	77	70
POINT SOURCES	504	805	14889	67	637
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	6	8	1	2
NATURAL GAS	7	0	204	6	57
TOTAL (ELEC GEN)	8	6	212	7	59
INDUSTRIAL FUEL					
DISTILLATE OIL	2	2	34	2	7
NATURAL GAS	1	0	277	7	35
TOTAL (INDUSTRIAL)	3	2	311	9	42
TOTAL (INTERNAL COMB)	11	8	523	16	101
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	72	397	473	77	70
POINT SOURCES	515	813	15412	83	738
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	312	0	1673	62	104
FOOD/AGRICULTURAL	198	0	0	0	0
PRIMARY METAL	618	455953	0	0	0
MINERAL PRODUCTS	1870	3762	314	3	210
PETROLEUM STORAGE/TRANSPORT	0	0	0	53	0
TOTAL (INDUSTRIAL)	2998	459715	1987	118	314
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	100	1	3	281	842
OPEN BURNING	81	3	20	108	344
TOTAL (RESIDENTIAL)	181	4	23	389	1186
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	4	1	2	2	8
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
POINT SOURCES	2	1	1	4	11
TOTAL (COMM-INST)					
AREA SOURCES	5	1	2	4	12
POINT SOURCES	2	1	1	4	11
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	18	3	3	16	24
OPEN BURNING					
AREA SOURCES	15	0	6	24	85
POINT SOURCES	0	0	0	1	2
TOTAL (INDUSTRIAL)					
AREA SOURCES	33	3	9	40	109
POINT SOURCES	0	0	0	1	2

```
SELECT CARD = <04                                                     25>
```

```
*** D08 ***                                                                                                    *** D08 ***
    STRUCTURAL FIRES                       14              0               1              10              56
    GASOLINE STA EVAP LOSS                  0              0               0             768               0
    SOLVENT EVAPORATION LOSS                0              0               0             604               0
    UNPAVED ROADS                       10339              0               0               0               0
    UNPAVED AIRSTRIPS                       2              0               0               0               0
    TOTAL (MISCELLANEOUS)               10364              0               3            1393             133

GRAND TOTAL
***********

    AREA SOURCES                        13174            381            3886            5407           29455

    POINT SOURCES                         738              7               1             235            1051

    TOTAL                               13912            388            3887            5642           30506
```

```
*** D09 ***
    TOTAL (FUEL COMBUSTION)                                                                                      *** D09 ***

                 AREA SOURCES           392          471         2053         1329         2391
                 POINT SOURCES         1844         1650         4440          289          736
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             2642         3066            0         2910         2180
    FOOD/AGRICULTURAL                   273            0            0            0            0
    MINERAL PRODUCTS                   8186         3246         1180            0            0
    PETROLEUM INDUSTRY                    0         5367            0            0            0
    WOOD PRODUCTS                      1585         1572          521           28        11002
    TOTAL (INDUSTRIAL)                12686        13251         1701         2938        13182
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             35            0            0           99          296
        OPEN BURNING                    272           11           69          365         1160
        TOTAL (RESIDENTIAL)             307           11           69          464         1456

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES             7            1            3            4           12
        TOTAL (COMM-INST)
                 AREA SOURCES             7            1            3            4           12

    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES             6            0            0            6           12
        OPEN BURNING
                 AREA SOURCES             2            0            1            3           10
                 POINT SOURCES           28            0            7           39          228
        TOTAL (INDUSTRIAL)
                 AREA SOURCES             8            0            1            9           22
                 POINT SOURCES           28            0            7           39          228

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           322           12           73          477         1490
                 POINT SOURCES           28            0            7           39          228
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        2149           96         2064         2348        22779
            LIGHT DUTY TRUCKS          1023           62         1280         1449        12193
            HEAVY DUTY VEHICLES         141           13          434          458         7301
            OFF HIGHWAY                   8            4           85          225         2840
            TOTAL (GASOLINE)           3321          175         3863         4480        45113
        DIESEL

            HEAVY DUTY VEHICLES         652          320         2879          350         1058
            OFF HIGHWAY                 161          126         1517          230          459
            RAIL                         87          197         1281          310          452
            TOTAL (DIESEL)              900          643         5677          890         1969
```

*** D10 ***

SELECT CARD = <05   025   45>

*** D10 ***

TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1779	40	174	4250	12867
POINT SOURCES	865	21	337	1161	12305
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	33852	1161	22531	32740	288899
LIGHT DUTY TRUCKS	13421	672	11912	16628	128310
HEAVY DUTY VEHICLES	1987	142	3891	3943	84054
OFF HIGHWAY	87	46	958	2549	32218
TOTAL (GASOLINE)	49347	2021	39292	55860	533481
DIESEL					
HEAVY DUTY VEHICLES	4586	1858	15167	2495	7730
OFF HIGHWAY	1023	801	9622	1466	2909
RAIL	282	644	4176	1014	1468
TOTAL (DIESEL)	5891	3303	28965	4975	12107
AIRCRAFT					
MILITARY	1690	109	868	1989	4106
CIVIL	22	14	99	304	6104
COMMERCIAL	20	47	491	434	1351
TOTAL (AIRCRAFT)	1732	170	1458	2727	11561
VESSELS					
DIESEL FUEL	23	28	218	54	76
RESIDUAL OIL	42	552	91	5	3
GASOLINE	0	32	187	4101	14623
TOTAL (VESSELS)	65	612	496	4160	14702
TOTAL (TRANSPORTATION)	57035	6106	70211	67722	571851
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	5896	52	1387	6660	48558
FOREST MANAGED BURNING	5520	41	1104	3947	30909
AGRICULTURAL BURNING	9042	0	1283	8338	60091
STRUCTURAL FIRES	347	0	31	261	1411
GASOLINE STA EVAP LOSS	0	0	0	7295	0
SOLVENT EVAPORATION LOSS	0	0	0	16420	0
UNPAVED ROADS	22208	0	0	0	0
UNPAVED AIRSTRIPS	132	0	0	0	0
TOTAL (MISCELLANEOUS)	43145	93	3805	42921	140969
GRAND TOTAL					
***********					
AREA SOURCES	113961	7192	79213	139596	798305
POINT SOURCES	9644	1574	7177	14517	19728
TOTAL	123605	8766	86390	154113	818033

*** D12 ***

*** D12 ***

POINT SOURCES	28736	123012	72198	48891	17442
TOTAL	232743	134153	180914	199824	881126

```
SELECT CARD = <06     014                                                      45>
STATE 06 COUNTY 0100 NOT FOUND IN POINT FILE
STATE 06 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 06 COUNTY 1980 NOT FOUND IN POINT FILE
```

```
                AREA SOURCES              43          13          20          24          56
                POINT SOURCES              6           1           1           6           9
          OPEN BURNING
                AREA SOURCES               2           0           1           3           9
          TOTAL (COMM-INST)
                AREA SOURCES              45          13          21          27          65
                POINT SOURCES              6           1           1           6           9

      INDUSTRIAL

          ON SITE INCINERATION
                AREA SOURCES               5           0           0           5          10
                POINT SOURCES            585         428        2082        1501         181
          OPEN BURNING
                AREA SOURCES               2           0           1           3          10
          TOTAL (INDUSTRIAL)
                AREA SOURCES               7           0           1           8          20
                POINT SOURCES            585         428        2082        1501         181

      TOTAL (SOLID WASTE DISP)
                AREA SOURCES            2307          68         297        5027       15277
                POINT SOURCES            591         429        2083        1507         190

  TRANSPORTATION (AREA)
  *********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES      38554        1182       18856       50284      661576
              LIGHT DUTY TRUCKS        10358         440        6317       15120      200363
              HEAVY DUTY VEHICLES       1541         107        2148        6122      119197
              OFF HIGHWAY                 97          51        1077        2862       36193
              TOTAL (GASOLINE)         50550        1780       28398       74388     1017329

          DIESEL

              HEAVY DUTY VEHICLES       4037        1550        7153        4463       11053
              OFF HIGHWAY                435         342        4110         626        1242
              RAIL                       490        1114        7234        1757        2542
              TOTAL (DIESEL)            4962        3006       18497        6826       14837

      AIRCRAFT

          MILITARY                       161          10          83         191         393
          CIVIL                           21          12          97         303        6072
          COMMERCIAL                      89         206        2139        1896        5893
          TOTAL (AIRCRAFT)               271         228        2319        2390       12358

      VESSELS

          GASOLINE                         0           0           6         144         513
          TOTAL (VESSELS)                  0           0           6         144         513

      TOTAL (TRANSPORTATION)           55783        5014       49220       83748     1045037

  MISCELLANEOUS (AREA)
  ********************

      FOREST WILDFIRES                   125           0          30         141        1032
      FOREST MANAGED BURNING            1189           9         237         850        6652
      STRUCTURAL FIRES                   354           0          33         266        1446
      GASOLINE STA EVAP LOSS               0           0           0        7447           0
      SOLVENT EVAPORATION LOSS             0           0           0       24330           0
      UNPAVED ROADS                   140352           0           0           0           0
```

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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:       MONDAY  NOVEMBER 28, 1983
STATE:06 COLORADO      AQCR:040 YAMPA                       AREA EMISSIONS AS OF:      TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:       MONDAY      JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             45              94              8             30            271
         DISTILLATE OIL               0               1              0              0              0
         NATURAL GAS                  2               0             70              4             15
         TOTAL (RESIDENTIAL)         47              95             78             34            286

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           7863           14166          42634            143           1218
         DISTILLATE OIL               0              13             29              0              6
         TOTAL (ELEC GEN)          7863           14179          42663            143           1224

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             6             400            110              1             88
         DISTILLATE OIL
            AREA SOURCES              0               7              3              0              0
         NATURAL GAS
            AREA SOURCES              0               0             41             16              5
            POINT SOURCES             4               1            831              2             62
         LIQUID PETROL GAS
            POINT SOURCES             0              28              2              0              0
         OTHER
            POINT SOURCES             0              13              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              0               7             44             16              5
            POINT SOURCES            10             442            944              3            150

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              0               1              0              0              0
         WOOD
            POINT SOURCES             5               0              2              6             15
         TOTAL (COMM-INST)
            AREA SOURCES              0               1              0              0              0
            POINT SOURCES             5               0              2              6             15

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             47             103            122             50            291
            POINT SOURCES          7878           14621          43609            152           1389

   INTERNAL COMBUSTION (POINT)
```

```
*** D16 ***
                                                                                              *** D16 ***
      ON SITE INCINERATION
              AREA SOURCES              9           2           4           5          12
              POINT SOURCES             4           2           2           2           6
      TOTAL (COMM-INST)
              AREA SOURCES              9           2           4           5          12
              POINT SOURCES             4           2           2           2           6
   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES           111          49         133          48         149
      TOTAL (INDUSTRIAL)
              POINT SOURCES           111          49         133          48         149
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES           2583          77         436        4953       15222
              POINT SOURCES          1135         177         486         139        1221
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES      35672        1209       26751       36787      390487
           LIGHT DUTY TRUCKS         4745         223        4550        6028       56814
           HEAVY DUTY VEHICLES       1107          83        2569        3559       55451
           OFF HIGHWAY                 91          49        1009        2681       33889
           TOTAL (GASOLINE)         41615        1564       34879       49055      536641
       DIESEL

           HEAVY DUTY VEHICLES       3194        1281       11765        1741        5390
           OFF HIGHWAY                169         131        1585         241         479
           RAIL                         7          16         105          26          38
           TOTAL (DIESEL)            3370        1428       13455        2008        5907
    AIRCRAFT

       MILITARY                        52           3          27          62         127
       CIVIL                            7           4          31          98        1947
       COMMERCIAL                      29          66         689         611        1898
       TOTAL (AIRCRAFT)                88          73         747         771        3972
    VESSELS

       DIESEL FUEL                      1           2          13           3           5
       GASOLINE                         0           9          51        1115        3974
       TOTAL (VESSELS)                  1          11          64        1118        3979

    TOTAL (TRANSPORTATION)          45074        3076       49145       52952      550499
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   13           0           3          15         111
    STRUCTURAL FIRES                  480           0          45         359        1952
    GASOLINE STA EVAP LOSS              0           0           0        6843           0
    SOLVENT EVAPORATION LOSS            0           0           0       28754           0
    UNPAVED ROADS                    1156           0           0           0           0
    UNPAVED AIRSTRIPS                   2           0           0           0           0
    TOTAL (MISCELLANEOUS)            1651           0          48       35971        2063
GRAND TOTAL
```

```
*** D17 ***                                                                                                   *** D17 ***
                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************
                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:08 DELAWARE      AQCR:045 METROPOLITAN PHILADELPHIA    AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      ANTHRACITE COAL                  2              5              1              2             17
      DISTILLATE OIL                  45            514            321             13             89
      NATURAL GAS                     10              2            333             18             67
      WOOD                           903              9             71           1874           5569
      TOTAL (RESIDENTIAL)            960            530            726           1907           5742
    ELEC GENERATION (POINT)

      RESIDUAL OIL                  1043          14095           6504             74            485
      DISTILLATE OIL                   3            136             36              0              8
      NATURAL GAS                      6              1           1088              3             79
      PROCESS GAS                      0              0            176              0             13
      OTHER                           24           2414            667              2             19
      TOTAL (ELEC GEN)              1076          16646           8471             79            604
    INDUSTRIAL FUEL


      ANTHRACITE COAL
          AREA SOURCES                 4             37             18              0              1
      RESIDUAL OIL
          POINT SOURCES              423           5685           2256             11            205
      DISTILLATE OIL
          POINT SOURCES               21            445            205              2             51
      NATURAL GAS
          AREA SOURCES                 8              2            354              7             88
          POINT SOURCES               86             88            627             12             96
      PROCESS GAS
          POINT SOURCES                1              0             45              1             11
      TOTAL (INDUSTRIAL)
          AREA SOURCES                12             39            372              7             89
          POINT SOURCES              531           6218           3133             26            363
    COMM-INSTITUTIONAL FUEL


      ANTHRACITE COAL
          AREA SOURCES                 8             25              9              0              1
      RESIDUAL OIL
          AREA SOURCES               444           5252           1298             26            118
          POINT SOURCES               80           1067            374              8             34
      DISTILLATE OIL
          AREA SOURCES                17            243            169              3             62
```

```
*** D18 ***
SELECT CARD = <10                                              25>
                                                                      *** D18 ***
*** E01 ***
  197.          00      28     146                                                                                        *** E01 ***
  198.          00      29                                                                                    45
  199.          00      29     013                                                                            25
  200.          00      29     147                                                                            45
  201.          00      29     148                                                                            45
  202.          00      30                                                                                    45
  203.          00      30     107                                                                            25
  204.          00      30     121                                                                            45
  205.          00      30     149                                                                            45
  206.          00      31                                                                                    45
  207.          00      31     043                                                                            25
  208.          00      31     045                                                                            45
  209.          00      31     150                                                                            45
  210.          00      31     151                                                                            45
  211.          00      32                                                                                    45
  212.          00      32     012                                                                            25
  213.          00      32     014                                                                            45
  214.          00      32     152                                                                            45
  215.          00      32     153                                                                            45
  216.          00      32     154                                                                            45
  217.          00      32     155                                                                            45
  218.          00      32     156                                                                            45
  219.          00      32     157                                                                            45
  220.          00      33                                                                                    45
  221.          00      33     043                                                                            25
  222.          00      33     158                                                                            45
  223.          00      33     159                                                                            45
  224.          00      33     160                                                                            45
  225.          00      33     161                                                                            45
  226.          00      33     162                                                                            45
  227.          00      33     163                                                                            45
  228.          00      33     164                                                                            45
  229.          00      34                                                                                    45
  230.          00      34     136                                                                            25
  231.          00      34     165                                                                            45
  232.          00      34     166                                                                            45
  233.          00      34     167                                                                            45
  234.          00      34     168                                                                            45
  235.          00      34     169                                                                            45
  236.          00      34     170                                                                            45
  237.          00      34     171                                                                            45
  238.          00      35                                                                                    45
  239.          00      35     130                                                                            25
  240.          00      35     172                                                                            45
  241.          00      36                                                                                    45
  242.          00      36     079                                                                            25
  243.          00      36     103                                                                            45
  244.          00      36     124                                                                            45
  245.          00      36     173                                                                            45
  246.          00      36     174                                                                            45
  247.          00      36     175                                                                            45
  248.          00      36     176                                                                            45
  249.          00      36     177                                                                            45
  250.          00      36     178                                                                            45
  251.          00      36     179                                                                            45
  252.          00      36     180                                                                            45
  253.          00      36     181                                                                            45
  254.          00      36     182                                                                            45
  255.          00      36     183                                                                            45
  256.          00      37                                                                                    45
  257.          00      37     017                                                                            25
  258.          00      37     022                                                                            45
  259.          00      37     184                                                                            45
  260.          00      37     185                                                                            45
  261.          00      37     186                                                                            45
  262.          00      37     187                                                                            45
                                                                                                              45
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```
      TOTAL (RESIDENTIAL)                 8672        265       1713      14943      46333

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              POINT SOURCES                 37          4          8         20         32
      OPEN BURNING
              AREA SOURCES                  86          1         19        156        375
      TOTAL (COMM-INST)
              AREA SOURCES                  86          1         19        156        375
              POINT SOURCES                 37          4          8         20         32

   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES                465         91        152        510       3304
      OPEN BURNING
              AREA SOURCES                 121          1         50        194        669
              POINT SOURCES                 33          1        379       2931      12010
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 121          1         50        194        669
              POINT SOURCES                498         92        531       3441      15314

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                8879        267       1782      15293      47377
              POINT SOURCES                535         96        539       3461      15346
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             65347       2822      61425      73301     703125
         LIGHT DUTY TRUCKS               16465       1042      21277      24321     200177
         HEAVY DUTY VEHICLES              3888        356      11047      12177     193624
         OFF HIGHWAY                       205        109       2283       6077      76858
         TOTAL (GASOLINE)                85905       4329      96032     115876    1173784
      DIESEL

         HEAVY DUTY VEHICLES             11173       5254      47514       5984      18272
         OFF HIGHWAY                      1444       1128      13584       2068       4105
         RAIL                             2131       4852      31514       7650      11070
         TOTAL (DIESEL)                  14748      11234      92612      15702      33447
   AIRCRAFT

      MILITARY                            3461        226       1777       4070       8405
      CIVIL                                 17          8        104        320       6444
      COMMERCIAL                            23         53        552        489       1520
      TOTAL (AIRCRAFT)                    3501        287       2433       4879      16369
   VESSELS

      DIESEL FUEL                          387        491       3677        919       1294
      RESIDUAL OIL                         136       1799        296         18         10
      GASOLINE                               0         88        502      11028      39305
      TOTAL (VESSELS)                      523       2378       4475      11965      40609

   TOTAL (TRANSPORTATION)               104677      18228     195552     148422    1264209

MISCELLANEOUS (AREA)
********************
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*** E03 ***
                                                                                                          *** E03 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:01 ALABAMA      AQCR:004 METROPOLITAN BIRMINGHAM          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC            CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           216           1115             44            143           1296
         DISTILLATE OIL              2             35             19              0              3
         NATURAL GAS                31              5           1081             59            214
         WOOD                     2321             24            184           4822          14328
         TOTAL (RESIDENTIAL)      2570           1179           1328           5024          15841

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          6840         257930         115181            314           2691
         DISTILLATE OIL              0              3              1              0              0
         PROCESS GAS                 5              0            536              0              6
         OTHER                     173             17            358            217            511
         TOTAL (ELEC GEN)         7018         257950         116076            531           3208

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           980           9758           1942              7            251
            POINT SOURCES           97            245            161              0              1
         RESIDUAL OIL
            POINT SOURCES            2              5              7              0              0
         DISTILLATE OIL
            POINT SOURCES           65            303             55              0             14
         NATURAL GAS
            AREA SOURCES            37              6          13613           4920           1793
            POINT SOURCES           85            399           1848              9            168
         PROCESS GAS
            AREA SOURCES            14             56             63              1              2
            POINT SOURCES          934          12374           1821              3            880
         COKE
            POINT SOURCES            7             47             51              0              1
         WOOD
            POINT SOURCES          282             23            214            224            522
         TOTAL (INDUSTRIAL)
            AREA SOURCES          1031           9820          15618           4928           2046
            POINT SOURCES         1472          13396           4157            236           1586

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES            14             48             17              0              1
         BITUMINOUS COAL
```

```
*** E04 ***
            POINT SOURCES            283        69       101       266       452   *** E04 ***
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES            1621        47       319      2864      8850
            POINT SOURCES            303        73       106       286       484
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       13700       663     14616     16614    154488
         LIGHT DUTY TRUCKS          3811       264      5449      6038     48374
         HEAVY DUTY VEHICLES         709        73      2301      2274     36398
         OFF HIGHWAY                  43        25       494      1318     16682
         TOTAL (GASOLINE)          18263      1025     22860     26244    255942
      DIESEL

         HEAVY DUTY VEHICLES        2200      1116     10025      1168      3537
         OFF HIGHWAY                 416       324      3918       597      1184
         RAIL                        447      1016      6606      1605      2319
         TOTAL (DIESEL)             3063      2456     20549      3370      7040
   AIRCRAFT

      MILITARY                        13         1         7        15        32
      CIVIL                            4         1        23        75      1473
      COMMERCIAL                       4         8        87        77       241
      TOTAL (AIRCRAFT)                21        10       117       167      1746
   VESSELS

      DIESEL FUEL                    152       192      1448       360       512
      GASOLINE                         0        32       183      4024     14340
      TOTAL (VESSELS)                152       224      1631      4384     14852

   TOTAL (TRANSPORTATION)          21499      3715     45157     34165    279580
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 2754        24       650      3109     22679
   AGRICULTURAL BURNING              150         0        22       139      1000
   STRUCTURAL FIRES                  201         0        18       152       819
   GASOLINE STA EVAP LOSS              0         0         0      3153         0
   SOLVENT EVAPORATION LOSS            0         0         0     15327         0
   UNPAVED ROADS                   38982         0         0         0         0
   UNPAVED AIRSTRIPS                 111         0         0         0         0
   TOTAL (MISCELLANEOUS)           42198        24       690     21880     24498
GRAND TOTAL
***********

   AREA SOURCES                    68078     14948     65635     68078    325781

   POINT SOURCES                   16455    267329     86705     15848     45063

   TOTAL                           84533    282277    152340     83926    370844
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*** E05 ***
                                                                                                  *** E05 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:02 ALASKA          AQCR:010 SOUTH CENTRAL ALASKA   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES      SOX          NOX          VOC          CO
                              ************  ************ ************ ************ ************
                               TONS / YR     TONS / YR    TONS / YR    TONS / YR    TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 5          103           44            1           11
         NATURAL GAS                    0            0            1            0            0
         WOOD                         671            7           53         1393         4138
         TOTAL (RESIDENTIAL)          676          110           98         1394         4149
      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                2           24            5            0            0
         DISTILLATE OIL
            AREA SOURCES               12          181          137            5           32
            POINT SOURCES              16          117          148            2           37
         NATURAL GAS
            AREA SOURCES               23            5         1125           22          282
         TOTAL (INDUSTRIAL)
            AREA SOURCES               37          210         1267           27          314
            POINT SOURCES              16          117          148            2           37
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                0           20            5            0            0
         DISTILLATE OIL
            AREA SOURCES                5          140           65            0           15
            POINT SOURCES              17          197          167            3           42
         NATURAL GAS
            AREA SOURCES                0            0           43            1            9
         TOTAL (COMM-INST)
            AREA SOURCES                5          160          113            1           24
            POINT SOURCES              17          197          167            3           42

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              718          480         1478         1422         4487
            POINT SOURCES              33          314          315            5           79
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL               457          425         6362          435         1385
         OTHER                        372           69         5204          356         1132
         TOTAL (ELEC GEN)             829          494        11566          791         2517
```

```
    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 219           8          34         433        1307
            POINT SOURCES                  2           1           1           5          13
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         2223          92        1587        3005       34553
            LIGHT DUTY TRUCKS           1094          61         987        1613       18014
            HEAVY DUTY VEHICLES           73           6         202         226        3592
            OFF HIGHWAY                    6           2          58         155        1962
            TOTAL (GASOLINE)            3396         161        2834        4999       58121
        DIESEL

            HEAVY DUTY VEHICLES          274         126        1138         147         451
            OFF HIGHWAY                   74          59         700         107         211
            RAIL                          31          70         456         110         160
            TOTAL (DIESEL)               379         255        2294         364         822
    AIRCRAFT

        MILITARY                         104           7          53         122         252
        CIVIL                              0           0           5          14         272
        TOTAL (AIRCRAFT)                 104           7          58         136         524
    VESSELS

        GASOLINE                           0           3          16         342        1218
        TOTAL (VESSELS)                    0           3          16         342        1218

    TOTAL (TRANSPORTATION)              3879         426        5202        5841       60685
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     253           2          59         285        2080
    STRUCTURAL FIRES                      26           0           2          19         103
    GASOLINE STA EVAP LOSS                 0           0           0         506           0
    SOLVENT EVAPORATION LOSS               0           0           0         882           0
    UNPAVED ROADS                      33999           0           0           0           0
    UNPAVED AIRSTRIPS                    168           0           0           0           0
    TOTAL (MISCELLANEOUS)              34446           2          61        1692        2183
GRAND TOTAL
***********

    AREA SOURCES                       38616         833        5770        8043       64245

    POINT SOURCES                       3515      460529       17400         206        1065

    TOTAL                              42131      461362       23170        8249       65310
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                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                  ENVIRONMENTAL PROTECTION AGENCY
                                  *******************************

STATE EMISSIONS REPORT
**************************                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 04:ARKANSAS                                    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC            CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0             32             27              0              5
         NATURAL GAS                  71              8           2556            137            514
         WOOD                      10772            111            858          22362          66454
         TOTAL (RESIDENTIAL)       10843            151           3441          22499          66973

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            3725          45864          20952            195           4825
         RESIDUAL OIL                308           5991           2212             17             67
         DISTILLATE OIL                0              2              4              0              1
         NATURAL GAS                  26              5           4720             12            343
         TOTAL (ELEC GEN)           4059          51862          27888            224           5236

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             502           5019            993              1            124
            POINT SOURCES            968           3201           5026              7           4362
         RESIDUAL OIL
            POINT SOURCES           1046          17489           3015            107            252
         DISTILLATE OIL
            AREA SOURCES              70            700            786             19            190
            POINT SOURCES              0              0              1              0              0
         NATURAL GAS
            AREA SOURCES              79             11          35990          13400           4789
            POINT SOURCES             18            216           1627              6            124
         PROCESS GAS
            POINT SOURCES              9           1945            292              5             48
         WOOD
            POINT SOURCES           6989            169           2467           1756           6783
         OTHER
            POINT SOURCES            169            147             34              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             651           5730          37769          13420           5103
            POINT SOURCES           9199          23167          12462           1881          11569

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              27            446            106              1              5
         DISTILLATE OIL
            AREA SOURCES              27            492            341              2             79
         NATURAL GAS
```

```
SELECT CARD = <04    019                                                                                   45>
STATE 04 COUNTY 0300 NOT FOUND IN POINT FILE
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AIRCRAFT					
MILITARY	7	0	3	8	16
CIVIL	1	1	8	24	458
COMMERCIAL	3	6	62	55	169
TOTAL (AIRCRAFT)	11	7	73	87	643
VESSELS					
GASOLINE	0	8	47	1020	3637
TOTAL (VESSELS)	0	8	47	1020	3637
TOTAL (TRANSPORTATION)	4232	833	9660	6477	51362
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	407	3	97	462	3362
FOREST MANAGED BURNING	304	0	61	217	1703
STRUCTURAL FIRES	35	0	3	25	142
GASOLINE STA EVAP LOSS	0	0	0	605	0
SOLVENT EVAPORATION LOSS	0	0	0	2759	0
UNPAVED ROADS	46581	0	0	0	0
TOTAL (MISCELLANEOUS)	47327	3	161	4068	5207
GRAND TOTAL ***********					
AREA SOURCES	52273	1319	11947	12351	60450
POINT SOURCES	14558	14901	6148	3266	14146
TOTAL	66831	16220	18095	15617	74596

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*** E10 ***
                                                                                                        *** E10 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:05 CALIFORNIA      AQCR:025 NORTH CENTRAL COAST        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0              3              2              0              0
         NATURAL GAS                   19              4            605             31            121
         WOOD                         852              9             68           1767           5253
         TOTAL (RESIDENTIAL)          871             16            675           1798           5374

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 285           3502           3335             30            249
         NATURAL GAS                  121             24          22253             46           1618
         TOTAL (ELEC GEN)             406           3526          25588             76           1867

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               95            320            160              0             21
         DISTILLATE OIL
            POINT SOURCES               2             69             21              0              6
         NATURAL GAS
            AREA SOURCES                1              0            690            266             93
            POINT SOURCES               8              2            870              6            103
         TOTAL (INDUSTRIAL)
            AREA SOURCES               96            320            850            266            114
            POINT SOURCES              10             71            891              6            109

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               33             83             96              2              8
            POINT SOURCES               0              7              7              0              1
         DISTILLATE OIL
            POINT SOURCES               2             85             24              0              6
         NATURAL GAS
            AREA SOURCES                3              0            118              6             24
            POINT SOURCES               4              1            165              4             40
         LIQUID PETROL GAS
            POINT SOURCES               0              0              3              0              1
         TOTAL (COMM-INST)
            AREA SOURCES               36             83            214              8             32
            POINT SOURCES               6             93            199              4             48

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             1003            419           1739           2072           5520
            POINT SOURCES             422           3690          26678             86           2024
```

SELECT CARD = <05   029   45>

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*** E12 ***
SELECT CARD = <05    032                                                    45>
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*** E13 ***
                                                                                                                  *** E13 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:06 COLORADO        AQCR:014 FOUR CORNERS                      AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               31               66                6               22              191
         DISTILLATE OIL                 0                2                0                0                0
         NATURAL GAS                    2                0               67                3               13
         WOOD                        1448               15              114             3006             8935
         TOTAL (RESIDENTIAL)         1481               83              187             3031             9139

      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES                0                9                7                0                1
         NATURAL GAS
            AREA SOURCES                0                0               84               30               10
            POINT SOURCES               1                0               50                1               12
         TOTAL (INDUSTRIAL)
            AREA SOURCES                0                9               91               30               11
            POINT SOURCES               1                0               50                1               12

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             1481               92              278             3061             9150
            POINT SOURCES               1                0               50                1               12

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         NATURAL GAS                    1                0              224                5               28
         TOTAL (ELEC GEN)               1                0              224                5               28

      INDUSTRIAL FUEL

         NATURAL GAS                    6                0              982               24              144
         TOTAL (INDUSTRIAL)             6                0              982               24              144

      TOTAL (INTERNAL COMB)             7                0             1206               29              172

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             1481               92              278             3061             9150
            POINT SOURCES               8                0             1256               30              184

INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** E14 ***
    UNPAVED AIRSTRIPS                          277          0          0          0          0    *** E14 ***
    TOTAL (MISCELLANEOUS)                   142297          9        300      33034       9130

GRAND TOTAL
***********

    AREA SOURCES                            202315       6038      62587     129057    1082236

    POINT SOURCES                             9906      40352      59205      16530      63607

    TOTAL                                   212221      46390     121792     145587    1145843
```

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*** E15 ***                                                                                        *** E15 ***
        ELECTRIC GENERATION

            NATURAL GAS                          0           0           14            0            2
            TOTAL (ELEC GEN)                     0           0           14            0            2

        INDUSTRIAL FUEL

            NATURAL GAS                          5           0         1299           32          173
            TOTAL (INDUSTRIAL)                   5           0         1299           32          173

        TOTAL (INTERNAL COMB)                    5           0         1313           32          175

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                  47         103          122           50          291
                  POINT SOURCES               7883       14621        44922          184         1564
INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                                9           0            0           73            0
    MINERAL PRODUCTS                           221           5            2            5            3
    WOOD PRODUCTS                               29           0            0         1274          108
    PETROLEUM STORAGE/TRANSPORT                  0           0            0          805            0
                                                             0            0
    TOTAL (INDUSTRIAL)                         259           5            2         2157          111
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                    28           0            0           79          237
        OPEN BURNING                            36           0            9           48          153
        TOTAL (RESIDENTIAL)                     64           0            9          127          390

    INDUSTRIAL

        ON SITE INCINERATION
                  POINT SOURCES                 35           0            5           56          659
        TOTAL (INDUSTRIAL)
                  POINT SOURCES                 35           0            5           56          659

    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES                  64           0            9          127          390
                  POINT SOURCES                 35           0            5           56          659
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                412          26          464          826         9622
            LIGHT DUTY TRUCKS                  375          31          471          681         8463
            HEAVY DUTY VEHICLES                 58           7          155          256         5159
            OFF HIGHWAY                          4           2           44          114         1453
            TOTAL (GASOLINE)                   849          66         1134         1877        24697

        DIESEL

            HEAVY DUTY VEHICLES                187         100          474          196          473
            OFF HIGHWAY                         48          36          442           67          134
            RAIL                                13          28          186           45           67
            TOTAL (DIESEL)                     248         164         1102          308          674
```

AREA SOURCES	56955	8819	56068	108792	612855
POINT SOURCES	3697	18773	18446	9199	3162
TOTAL	60652	27592	74514	117991	616017

POINT SOURCES	4	98	36	1	9
NATURAL GAS					
AREA SOURCES	5	1	154	8	31
POINT SOURCES	0	0	19	1	4
TOTAL (COMM-INST)					
AREA SOURCES	474	5521	1630	37	192
POINT SOURCES	84	1165	429	10	47
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1446	6090	2728	1951	6023
POINT SOURCES	1691	24029	12033	115	1014
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	2	16	26	2	6
TOTAL (ELEC GEN)	2	16	26	2	6
TOTAL (INTERNAL COMB)	2	16	26	2	6
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1446	6090	2728	1951	6023
POINT SOURCES	1693	24045	12059	117	1020
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1018	4468	57	2863	28
PRIMARY METAL	247	0	0	0	0
SECONDARY METALS	658	0	0	0	0
MINERAL PRODUCTS	31	0	0	0	0
PETROLEUM INDUSTRY	26	0	1026	4214	304
ORGANIC SOLVENT EVAPORATION	4	0	0	8388	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	989	0
METAL FABRICATION	6	0	0	0	0
TEXTILE MANUFACTURING	0	0	0	28	0
OTHER/NOT CLASSIFIED	11	0	0	52	15
TOTAL (INDUSTRIAL)	2001	4468	1083	16534	347
SOLID WASTE DISPOSAL *******************					
GOVERNMENT (POINT)					
OTHER INCINERATION	3	0	2	0	0
TOTAL (GOVERNMENT)	3	0	2	0	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	19	0	1	54	162
TOTAL (RESIDENTIAL)	19	0	1	54	162
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	44	14	21	26	60
POINT SOURCES	2	0	1	1	2
TOTAL (COMM-INST)					
AREA SOURCES	44	14	21	26	60
POINT SOURCES	2	0	1	1	2
INDUSTRIAL					
ON SITE INCINERATION					

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT

STATE 10:FLORIDA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	5	23	0	1	30
DISTILLATE OIL	78	940	581	20	158
NATURAL GAS	51	5	1911	93	384
WOOD	15092	160	1188	31319	93086
TOTAL (RESIDENTIAL)	15226	1128	3680	31433	93658
ELEC GENERATION (POINT)					
BITUMINOUS COAL	4551	390439	138621	329	2820
RESIDUAL OIL	22914	360707	101673	1302	7498
DISTILLATE OIL	53	9398	788	6	162
NATURAL GAS	232	54	43405	202	4183
OTHER	548	2156	0	0	0
TOTAL (ELEC GEN)	28298	762754	284487	1839	14663
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	202	5652	4994	96	142
RESIDUAL OIL					
POINT SOURCES	8469	68911	10709	54	924
DISTILLATE OIL					
POINT SOURCES	509	2043	481	5	122
NATURAL GAS					
AREA SOURCES	7	0	4236	1569	562
POINT SOURCES	530	16	10484	98	1406
WOOD					
POINT SOURCES	4649	1096	9182	10406	23701
LIQUID PETROL GAS					
POINT SOURCES	0	0	503	183	126
BAGASSE					
POINT SOURCES	2100	221	1095	1825	702
OTHER					
POINT SOURCES	13	13	3	2	4
TOTAL (INDUSTRIAL)					
AREA SOURCES	7	0	4236	1569	562
POINT SOURCES	16472	77952	37451	12669	27127
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	0	8	0	0	0
RESIDUAL OIL					

```
*** F01 ***
  263.         00      37     188                                                                          *** F01 ***
  264.         00      37     189                                            45
  265.         00      38                                                    45
  266.         00      38     190                                            25
  267.         00      38     191                                            45
  268.         00      38     192                                            45
  269.         00      38     193                                            45
  270.         00      38     194                                            45
  271.         00      39                                                    45
  272.         00      39     045                                            25
  273.         00      39     151                                            45
  274.         00      39     178                                            45
  275.         00      39     195                                            45
  276.         00      39     196                                            45
  277.         00      39     197                                            45
  278.         00      40                                                    45
  279.         00      40     244                                            25
  280.         00      41                                                    45
  281.         00      41     120                                            25
  282.         00      42                                                    45
  283.         00      42     053                                            25
  284.         00      42     058                                            45
  285.         00      42     167                                            45
  286.         00      42     198                                            45
  287.         00      42     199                                            45
  288.         00      42     200                                            45
  289.         00      42     201                                            45
  290.         00      42     202                                            45
  291.         00      42     203                                            45
  292.         00      42     204                                            45
  293.         00      43                                                    45
  294.         00      43     086                                            25
  295.         00      43     087                                            45
  296.         00      43     205                                            45
  297.         00      43     206                                            45
  298.         00      44                                                    45
  299.         00      44     007                                            25
  300.         00      44     018                                            45
  301.         00      44     055                                            45
  302.         00      44     207                                            45
  303.         00      44     208                                            45
  304.         00      44     209                                            45
  305.         00      45                                                    45
  306.         00      45     022                                            25
  307.         00      45     106                                            45
  308.         00      45     153                                            45
  309.         00      45     210                                            45
  310.         00      45     211                                            45
  311.         00      45     212                                            45
  312.         00      45     213                                            45
  313.         00      45     214                                            45
  314.         00      45     215                                            45
  315.         00      45     216                                            45
  316.         00      45     217                                            45
  317.         00      45     218                                            45
  318.         00      46                                                    45
  319.         00      46     014                                            25
  320.         00      46     219                                            45
  321.         00      46     220                                            45
  322.         00      47                                                    45
  323.         00      47     159                                            25
  324.         00      47     221                                            45
  325.         00      48                                                    45
  326.         00      48     047                                            25
  327.         00      48     207                                            45
  328.         00      48     222                                            45
                                                                             45
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*** F02 ***                                                                                          *** F02 ***
   FOREST WILDFIRES                  23246        205        5472       26254      191417
   FOREST MANAGED BURNING             9799         75        1961        7005       54877
   AGRICULTURAL BURNING               1079          0         153         995        7161
   STRUCTURAL FIRES                    986          0          91         734        4006
   GASOLINE STA EVAP LOSS                0          0           0       17433           0
   SOLVENT EVAPORATION LOSS              0          0           0       58806           0
   UNPAVED ROADS                    196765          0           0           0           0
   UNPAVED AIRSTRIPS                   111          0           0           0           0
   TOTAL (MISCELLANEOUS)            231986        280        7677      111227      257461

GRAND TOTAL
***********

   AREA SOURCES                     363704      59918      268584      321620     1663872

   POINT SOURCES                     88066     762085      311283       41687      280259

   TOTAL                            451770     822003      579867      363307     1944131
```

```
*** F03 ***                                                                                    *** F03 ***
              AREA SOURCES               62          408           52            2           30
          DISTILLATE OIL
              AREA SOURCES               19          290          202            2           49
              POINT SOURCES               1           71           13            0            3
          NATURAL GAS
              AREA SOURCES               13            2          479           25           96
              POINT SOURCES               1            0          154            0           11
          WOOD
              POINT SOURCES              93            4           17           44          104
          TOTAL (COMM-INST)
              AREA SOURCES              108          748          750           29          176
              POINT SOURCES              95           75          184           44          118

       TOTAL (EXTERNAL COMB)
              AREA SOURCES             3709        11747        17696         9981        18063
              POINT SOURCES            8585       271421       120417          811         4912
    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          DISTILLATE OIL                  0            2            0            1            0
          NATURAL GAS                     0            0            8            2            3
          TOTAL (INDUSTRIAL)              0            2            8            3            3

       TOTAL (INTERNAL COMB)              0            2            8            3            3

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES              3709        11747        17696         9981        18063
             POINT SOURCES             8585       271423       120425          814         4915
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              315         1120            9          145           48
    FOOD/AGRICULTURAL                   117            0            0            0            0
    PRIMARY METAL                     15428        13233          467         5840         4439
    SECONDARY METALS                   1286         1432         1398           33        79947
    MINERAL PRODUCTS                   4361         9670         6058          304         2369
    PETROLEUM INDUSTRY                  100           10          330         3575           62
    WOOD PRODUCTS                      5322          248          539            0        11049
    ORGANIC SOLVENT EVAPORATION          60            0            0         3432            0
    PETROLEUM STORAGE/TRANSPORT          80            0            0          160            0
    METAL FABRICATION                    11            0            0            0            0
    OTHER/NOT CLASSIFIED                  0         1866            0            0            0
    TOTAL (INDUSTRIAL)                27080        27579         8801        13489        97914
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION             672            8           20         1891         5673
       OPEN BURNING                    1716           64          438         2313         7341
       TOTAL (RESIDENTIAL)             2388           72          458         4204        13014
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             POINT SOURCES               17            0            0            0            0
       OPEN BURNING
             AREA SOURCES                22            1            5           41          101
       TOTAL (COMM-INST)
             AREA SOURCES                22            1            5           41          101
             POINT SOURCES               17            0            0            0            0
```

```
*** F04 ***
                                                                                  *** F04 ***
SELECT CARD = <02                                                     25>
```

```
*** F05 ***
        TOTAL (INTERNAL COMB)              829        494      11566        791       2517   *** F05 ***
    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES             718        480       1478       1422       4487
                  POINT SOURCES            862        808      11881        796       2596
INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                       101          1          0          2          0
    PETROLEUM STORAGE/TRANSPORT              0          0          0       1371          0
    TOTAL (INDUSTRIAL)                     101          1          0       1373          0
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               5          1          0          5          8
        TOTAL (GOVERNMENT)                   5          1          0          5          8
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 9          0          0         26         78
        OPEN BURNING                        92          3         24        126        394
        TOTAL (RESIDENTIAL)                101          3         24        152        472
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  POINT SOURCES              1          0          0          1          1
        TOTAL (COMM-INST)
                  POINT SOURCES              1          0          0          1          1
    INDUSTRIAL

        ON SITE INCINERATION
                  POINT SOURCES              1          6         21          4         12
        OPEN BURNING
                  AREA SOURCES               2          0          1          3         10
        TOTAL (INDUSTRIAL)
                  AREA SOURCES               2          0          1          3         10
                  POINT SOURCES              1          6         21          4         12
    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES             103          3         25        155        482
                  POINT SOURCES              7          7         21         10         21
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             81          4         92         93        955
            LIGHT DUTY TRUCKS              110          8        173        177       1574
            HEAVY DUTY VEHICLES              9          1         33         30        486
            OFF HIGHWAY                      2          0         26         66        820
            TOTAL (GASOLINE)               202         13        324        366       3835
        DIESEL

            HEAVY DUTY VEHICLES              8          4         37          4         13
            OFF HIGHWAY                     27         22        253         39         76
```

```
*** F06 ***
                                                                                                   *** F06 ***
SELECT CARD = <03    013                                              45>
```

```
              AREA SOURCES                35          3         1435         71          282
         TOTAL (COMM-INST)
              AREA SOURCES                89        941         1882         74          366

      TOTAL (EXTERNAL COMB)
              AREA SOURCES             11583       6822        43092      35993        72442
             POINT SOURCES             13258      75029        40350       2105        16805

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                      43          3         1488        360         1866
         TOTAL (INDUSTRIAL)               43          3         1488        360         1866

      TOTAL (INTERNAL COMB)               43          3         1488        360         1866

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES             11583       6822        43092      35993        72442
             POINT SOURCES             13301      75032        41838       2465        18671
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               8228       9134         1438       7150         5619
   FOOD/AGRICULTURAL                    7192          0            0        399            0
   PRIMARY METAL                        9451      15951            0        251       100071
   SECONDARY METALS                      490          7           97       2667         1051
   MINERAL PRODUCTS                    17488       3449         1200         60           18
   PETROLEUM INDUSTRY                    475       8732          490       6550        69987
   WOOD PRODUCTS                        7312       6292         1983        790        30375
   ORGANIC SOLVENT EVAPORATION            96          0            0       4961            0
   PETROLEUM STORAGE/TRANSPORT             0          0            0       3504            0
   OTHER/NOT CLASSIFIED                    3          0            0        759            0
   TOTAL (INDUSTRIAL)                  50735      43565         5208      27091       207121
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               549          1            7       1539         4627
      OPEN BURNING                      4298        162         1096       5786        18367
      TOTAL (RESIDENTIAL)               4847        163         1103       7325        22994

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               121         25           61         72          180
      OPEN BURNING
              AREA SOURCES                 1          0            0          2            4
      TOTAL (COMM-INST)
              AREA SOURCES               122         25           61         74          184
   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                65          3            3         64          121
             POINT SOURCES                91          1          167        110         1271
      OPEN BURNING
              AREA SOURCES                28          0           13         43          145
             POINT SOURCES                28          0            7         39          228
      TOTAL (INDUSTRIAL)
              AREA SOURCES                93          3           16        107          266
             POINT SOURCES               119          1          174        149         1499
```

```
*** F08 ***
                                                                                                              *** F08 ***
                                           NATIONAL EMISSIONS DATA SYSTEM
                                          *********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          **********************************
STATE/AQCR EMISSIONS REPORT
******************************                                              RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:04 ARKANSAS       AQCR:019 MONROE-EL DORADO               AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES      SOX            NOX            VOC             CO
                              ************  ************   ************   ************   ************
                               TONS / YR     TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               0            5              4
         NATURAL GAS                  4            0            163              0              1
         WOOD                       347            3             28              8             33
         TOTAL (RESIDENTIAL)        351            8            195            719           2134
                                                                                727           2168
      ELEC GENERATION (POINT)

         RESIDUAL OIL                71          769            898
         TOTAL (ELEC GEN)            71          769            898              5              3
                                                                                  5              3
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             47          471             94
         RESIDUAL OIL                                                             0             12
            POINT SOURCES           795        10406           1728
         DISTILLATE OIL                                                           9            153
            AREA SOURCES              6           65             74
         NATURAL GAS                                                              2             17
            AREA SOURCES             10            2           4362
            POINT SOURCES             4          215            848           1625            580
         PROCESS GAS                                                              3             61
            POINT SOURCES             9         1945            218
         WOOD                                                                     5             48
            POINT SOURCES          1650           42            697
         OTHER                                                                  406            954
            POINT SOURCES             0           34             34
         TOTAL (INDUSTRIAL)                                                       0              0
            AREA SOURCES             63          538           4530
            POINT SOURCES          2458        12642           3525           1627            609
                                                                                423           1216
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              1           22              4
         DISTILLATE OIL                                                           0              0
            AREA SOURCES              1           23             16
         NATURAL GAS                                                              0              4
            AREA SOURCES              1            0             68
         TOTAL (COMM-INST)                                                        4             13
            AREA SOURCES              3           45             88
      TOTAL (EXTERNAL COMB)                                                       4             17
```

```
*** F09 ***                                                              *** F09 ***
SELECT CARD = <05                                          25>
```

```
    TOTAL (FUEL COMBUSTION)

              AREA SOURCES             1003        419       1739       2072       5520
              POINT SOURCES             422       3690      26678         86       2024
 INDUSTRIAL PROCESS (POINT)
 *************************

      FOOD/AGRICULTURAL                   3          0          0          0          0
      SECONDARY METALS                    0          0          9          0          0
      MINERAL PRODUCTS                 1257        440       1189         25        188
      PETROLEUM INDUSTRY                477       3626       2799         18         45
      WOOD PRODUCTS                       2          0          0          0          0
      ORGANIC SOLVENT EVAPORATION         0          0          0       1259          0
      PETROLEUM STORAGE/TRANSPORT         0          0          0        490          0
      TOTAL (INDUSTRIAL)               1739       4066       3997       1792        233
 SOLID WASTE DISPOSAL
 ******************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            1          0          0          1          1
        OPEN BURNING                      1          0          1          4          8
        TOTAL (GOVERNMENT)                2          0          1          5          9
    RESIDENTIAL (AREA)

        ON SITE INCINERATION            438          6         14       1235       3705
        OPEN BURNING                    161          6         41        216        685
        TOTAL (RESIDENTIAL)             599         12         55       1451       4390
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES            4          1          2          3          6
        OPEN BURNING
                  AREA SOURCES            1          0          0          2          4
        TOTAL (COMM-INST)
                  AREA SOURCES            5          1          2          5         10
    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES            2          0          0          2          4
        OPEN BURNING
                  AREA SOURCES            6          0          2         10         35
        TOTAL (INDUSTRIAL)
                  AREA SOURCES            8          0          2         12         39
    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES          612         13         59       1468       4439
                  POINT SOURCES           2          0          1          5          9
TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       11382        363       7110      10789      97421
            LIGHT DUTY TRUCKS          3395        149       2611       3841      31277
            HEAVY DUTY VEHICLES         465         33        920        925      19732
            OFF HIGHWAY                  26         14        287        763       9646
            TOTAL (GASOLINE)          15268        559      10928      16318     158076
```

```
*** F11 ***
                                                                                                   *** F11 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:          MONDAY  NOVEMBER 28, 1983
STATE:05 CALIFORNIA      AQCR:029 SAN DIEGO                  AREA EMISSIONS AS OF:       TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0              5              2              0              1
         NATURAL GAS                   39              8           1299             69            260
         WOOD                        1391             15            110           2888           8583
         TOTAL (RESIDENTIAL)         1430             28           1411           2957           8844

      ELEC GENERATION (POINT)

         RESIDUAL OIL                1737          11517          11565            280            658
         DISTILLATE OIL                 2              7              2              0              1
         NATURAL GAS                  313             11          10097             93            626
         TOTAL (ELEC GEN)            2052          11535          21664            373           1285

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              195            658            327              1             42
         RESIDUAL OIL
            POINT SOURCES               0             24              6              0              1
         DISTILLATE OIL
            POINT SOURCES              13            270            117              1             27
         NATURAL GAS
            AREA SOURCES                2              0           1064            411            143
            POINT SOURCES              15              7            335              8             61
         LIQUID PETROL GAS
            POINT SOURCES               0              0              7              0              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES              197            658           1391            412            185
            POINT SOURCES              28            301            465              9             91

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              146            371            427              9             39
            POINT SOURCES             868          11497           7673            158            698
         DISTILLATE OIL
            POINT SOURCES              20            456            199              3             50
         NATURAL GAS
            AREA SOURCES               16              3            527             28            105
            POINT SOURCES               4              1            189              4             47
         LIQUID PETROL GAS
            POINT SOURCES               0             47              5              0              1
         TOTAL (COMM-INST)
            AREA SOURCES              162            374            954             37            144
```

```
*** F12 ***
                                                                                                    *** F12 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                             RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:05 CALIFORNIA     AQCR:032 SOUTH CENTRAL COAST       AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:      MONDAY      JULY 11, 1983

                               PARTICULATES         SOX              NOX              VOC              CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                     6                1              193               10               39
         WOOD                          458                5               36              951             2826
         TOTAL (RESIDENTIAL)           464                6              229              961             2865

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  711             2567             2501               49              128
         NATURAL GAS                   175               10             9394               42              469
         TOTAL (ELEC GEN)              886             2577            11895               91              597

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 7               23               12                0                2
         RESIDUAL OIL
            POINT SOURCES                1               39                3                0                0
         DISTILLATE OIL
            POINT SOURCES               14               19               28                0                2
         NATURAL GAS
            AREA SOURCES                 0                0               43               16                6
            POINT SOURCES               29                8              200               15               35
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 7               23               55               16                8
            POINT SOURCES               44               66              231               15               37

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 9               23               26                1                2
         DISTILLATE OIL
            POINT SOURCES                0                2                3                0                0
         NATURAL GAS
            AREA SOURCES                 1                0               35                2                7
            POINT SOURCES                1                0               31                1                7
         TOTAL (COMM-INST)
            AREA SOURCES                10               23               61                3                9
            POINT SOURCES                1                2               34                1                7

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               481               52              345              980             2882
            POINT SOURCES              931             2645            12160              107              641

   INTERNAL COMBUSTION (POINT)
```

```
*** F13 ***                                                                                        *** F13 ***
    MINERAL PRODUCTS                      36            9            5           10            5
    PETROLEUM INDUSTRY                     0           15            0            0            0
    WOOD PRODUCTS                          1            0            0            0            0
    TOTAL (INDUSTRIAL)                    37           24            5           10            5

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              43            0            1          121          365
        OPEN BURNING                      36            1            9           48          152
        TOTAL (RESIDENTIAL)               79            1           10          169          517

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               0            0            0            0            1
                POINT SOURCES            177            3           25          279         3293
        TOTAL (COMM-INST)
                AREA SOURCES               0            0            0            0            1
                POINT SOURCES            177            3           25          279         3293

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES             49            1            7           77          909
        TOTAL (INDUSTRIAL)
                POINT SOURCES             49            1            7           77          909

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              79            1           10          169          518
                POINT SOURCES            226            4           32          356         4202

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          617           33          588         1172        13917
            LIGHT DUTY TRUCKS            482           36          556          931        11559
            HEAVY DUTY VEHICLES           46            4          111          196         3938
            OFF HIGHWAY                    2            2           30           79         1005
            TOTAL (GASOLINE)            1147           75         1285         2378        30419

        DIESEL

            HEAVY DUTY VEHICLES          171           87          415          183          443
            OFF HIGHWAY                   46           35          431           66          130
            RAIL                          15           35          220           54           77
            TOTAL (DIESEL)               232          157         1066          303          650

    AIRCRAFT

        CIVIL                              0            0            3           11          226
        TOTAL (AIRCRAFT)                   0            0            3           11          226

    VESSELS

        GASOLINE                           0            0            3           65          231
        TOTAL (VESSELS)                    0            0            3           65          231

    TOTAL (TRANSPORTATION)              1379          232         2357         2757        31526
```

```
*** F14 ***                                                                                                  *** F14 ***

SELECT CARD = <06    037                                                           45>
STATE 06 COUNTY 1760 NOT FOUND IN POINT FILE
```

AIRCRAFT					
CIVIL	0	0	7	20	380
TOTAL (AIRCRAFT)	0	0	7	20	380
VESSELS					
GASOLINE	0	0	5	123	436
TOTAL (VESSELS)	0	0	5	123	436
TOTAL (TRANSPORTATION)	1097	230	2248	2328	26187
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	618	6	145	699	5093
FOREST MANAGED BURNING	399	4	79	285	2235
STRUCTURAL FIRES	7	0	0	4	29
GASOLINE STA EVAP LOSS	0	0	0	314	0
SOLVENT EVAPORATION LOSS	0	0	0	325	0
UNPAVED ROADS	53162	0	0	0	0
UNPAVED AIRSTRIPS	4	0	0	0	0
TOTAL (MISCELLANEOUS)	54190	10	224	1627	7357
GRAND TOTAL					
***********					
AREA SOURCES	55398	343	2603	4132	34225
POINT SOURCES	8177	14626	44929	2397	2334
TOTAL	63575	14969	47532	6529	36559

SELECT CARD = <07   043   45>

AREA SOURCES	34	7	7	31	45
POINT SOURCES	6	3	3	3	11
TOTAL (INDUSTRIAL)					
AREA SOURCES	34	7	7	31	45
POINT SOURCES	6	3	3	3	11
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	97	21	29	111	267
POINT SOURCES	11	3	6	4	13
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	10914	317	6642	9813	106711
LIGHT DUTY TRUCKS	1694	67	1309	1906	18447
HEAVY DUTY VEHICLES	336	22	659	1028	15988
OFF HIGHWAY	24	13	263	699	8843
TOTAL (GASOLINE)	12968	419	8873	13446	149989
DIESEL					
HEAVY DUTY VEHICLES	1067	398	3684	585	1824
OFF HIGHWAY	61	48	572	87	173
RAIL	7	17	109	27	38
TOTAL (DIESEL)	1135	463	4365	699	2035
AIRCRAFT					
MILITARY	89	6	46	105	217
CIVIL	3	2	13	40	803
COMMERCIAL	1	2	16	14	43
TOTAL (AIRCRAFT)	93	10	75	159	1063
VESSELS					
DIESEL FUEL	3	3	26	6	9
RESIDUAL OIL	28	369	61	4	2
GASOLINE	0	6	37	808	2880
TOTAL (VESSELS)	31	378	124	818	2891
TOTAL (TRANSPORTATION)	14227	1270	13437	15122	155978
MISCELLANEOUS (AREA) *******************					
FOREST WILDFIRES	217	2	51	246	1790
AGRICULTURAL BURNING	1	0	0	1	4
STRUCTURAL FIRES	110	0	10	83	449
GASOLINE STA EVAP LOSS	0	0	0	1987	0
SOLVENT EVAPORATION LOSS	0	0	0	6817	0
UNPAVED ROADS	1643	0	0	0	0
TOTAL (MISCELLANEOUS)	1971	2	61	9134	2243
GRAND TOTAL ***********					
AREA SOURCES	17741	7383	16255	26318	164511
POINT SOURCES	3705	28516	13148	16655	1380
TOTAL	21446	35899	29403	42973	165891

```
*** F18 ***                                                                                    *** F18 ***
              POINT SOURCES              2227        7815        1141          25         105
          DISTILLATE OIL
              AREA SOURCES                 50         763         533           2         130
              POINT SOURCES                82        2373         597           9         262
          NATURAL GAS
              POINT SOURCES                58          12        3892          55         659
          TOTAL (COMM-INST)
              AREA SOURCES                 50         771         533           2         130
              POINT SOURCES              2367       10200        5630          89        1026

       TOTAL (EXTERNAL COMB)
              AREA SOURCES              15283        1899        8449       33004       94350
              POINT SOURCES             47137      850906      327568       14597       42816

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                  236        2059        4022         405        1674
          NATURAL GAS                      74           4        8404         541        5013
          TOTAL (ELEC GEN)                310        2063       12426         946        6687

       INDUSTRIAL FUEL

          DISTILLATE OIL                  265           3        3581         252        1757
          NATURAL GAS                      27           1         642          14         316
          TOTAL (INDUSTRIAL)              292           4        4223         266        2073

       ENGINE-TESTING

          TOTAL (ENG TESTNG)               67          73          82         260         306

       TOTAL (INTERNAL COMB)              669        2140       16731        1472        9066

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES              15283        1899        8449       33004       94350
              POINT SOURCES             47806      853046      344299       16069       51882

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              19793       84336       14294        9940        2118
    FOOD/AGRICULTURAL                    1838        1939           0          24          52
    PRIMARY METAL                          79        1260           0           0         945
    SECONDARY METALS                     2367        1422          34           0        1019
    MINERAL PRODUCTS                    28011       53861        6984         303        1920
    PETROLEUM INDUSTRY                      8       33406         344           7          85
    WOOD PRODUCTS                       10580       20829        4082         266       74827
    ORGANIC SOLVENT EVAPORATION             0           0           0       16079           0
    PETROLEUM STORAGE/TRANSPORT           683           0           0       11483           0
    METAL FABRICATION                      19           0           0          40           0
    OTHER/NOT CLASSIFIED                 1200       14163           0           2           0
    TOTAL (INDUSTRIAL)                  64578      211196       25738       38144       80966
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION             955         112         133          67        1557
       OTHER INCINERATION                 871        1122         225          44           0
       TOTAL (GOVERNMENT)                1826        1234         358         111        1557

    RESIDENTIAL (AREA)
```

```
*** G01 ***
  329.        00     48    223                                                          *** G01 ***
  330.        00     48    224                                       45
  331.        00     48    225                                       45
  332.        00     48    226                                       45
  333.        00     49                                              45
  334.        00     49    062                                       25
  335.        00     49    193                                       45
  336.        00     49    227                                       45
  337.        00     49    228                                       45
  338.        00     49    229                                       45
  339.        00     49    230                                       45
  340.        00     50                                              45
  341.        00     50    103                                       25
  342.        00     50    113                                       45
  343.        00     50    179                                       45
  344.        00     50    181                                       45
  345.        00     50    231                                       45
  346.        00     50    232                                       45
  347.        00     50    233                                       45
  348.        00     50    234                                       45
  349.        00     50    235                                       45
  350.        00     50    236                                       45
  351.        00     51                                              45
  352.        00     51    068                                       25
  353.        00     51    073                                       45
  354.        00     51    128                                       45
  355.        00     51    129                                       45
  356.        00     51    237                                       45
  357.        00     51    238                                       45
  358.        00     51    239                                       45
  359.        00     51    240                                       45
  360.        00     52                                              45
  361.        00     52    241                                       25
  362.        00     52    242                                       45
  363.        00     52    243                                       45
  364.        00     54                                              45
  365.        00     54    246                                       25
  366.        00     55                                              45
  367.        00     55    247                                       25
  368.        00           002                                       45
  369.        00           005                                       40
  370.        00           007                                       40
  371.        00           012                                       40
  372.        00           013                                       40
  373.        00           014                                       40
  374.        00           017                                       40
  375.        00           018                                       40
  376.        00           019                                       40
  377.        00           022                                       40
  378.        00           042                                       40
  379.        00           043                                       40
  380.        00           045                                       40
  381.        00           047                                       40
  382.        00           049                                       40
  383.        00           053                                       40
  384.        00           055                                       40
  385.        00           058                                       40
  386.        00           062                                       40
  387.        00           065                                       40
  388.        00           067                                       40
  389.        00           068                                       40
  390.        00           069                                       40
  391.        00           070                                       40
  392.        00           072                                       40
  393.        00           073                                       40
  394.        00           077                                       40
                                                                     40
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*** G02 ***
SELECT CARD = <01     001                                                                 45>                    *** G02 ***
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*** G03 ***
    INDUSTRIAL                                                                                    *** G03 ***

        ON SITE INCINERATION
                POINT SOURCES          171          10          32         244        2806
        OPEN BURNING
                AREA SOURCES            30           1          10          51         179
                POINT SOURCES           21           0         370        2778       11576
        TOTAL (INDUSTRIAL)
                AREA SOURCES            30           1          10          51         179
                POINT SOURCES          192          10         402        3022       14382

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          2440          74         473        4296       13294
                POINT SOURCES          209          10         402        3022       14382
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      20116         820       17543       21302      208156
            LIGHT DUTY TRUCKS         4525         281        5711        6505       53869
            HEAVY DUTY VEHICLES       1167         101        3100        3619       57352
            OFF HIGHWAY                 60          33         680        1807       22843
            TOTAL (GASOLINE)         25868        1235       27034       33233      342220
        DIESEL

            HEAVY DUTY VEHICLES       3941        1795       16285        2118        6489
            OFF HIGHWAY                309         241        2908         442         880
            RAIL                       631        1438        9328        2265        3277
            TOTAL (DIESEL)            4881        3474       28521        4825       10646
    AIRCRAFT

        MILITARY                       103           7          53         121         251
        CIVIL                            4           3          26          76        1533
        COMMERCIAL                      11          26         264         234         727
        TOTAL (AIRCRAFT)               118          36         343         431        2511
    VESSELS

        DIESEL FUEL                     60          76         572         144         200
        GASOLINE                         0           8          44         963        3437
        TOTAL (VESSELS)                 60          84         616        1107        3637

    TOTAL (TRANSPORTATION)           30927        4829       56514       39596      359014
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  5955          54        1401        6726       49036
    FOREST MANAGED BURNING            1010           9         202         722        5657
    AGRICULTURAL BURNING                95           0          14          88         631
    STRUCTURAL FIRES                   298           0          27         221        1211
    GASOLINE STA EVAP LOSS               0           0           0        5449           0
    SOLVENT EVAPORATION LOSS             0           0           0       17404           0
    UNPAVED ROADS                    51978           0           0           0           0
    TOTAL (MISCELLANEOUS)            59336          63        1644       30610       56535
GRAND TOTAL
***********

    AREA SOURCES                     96412       16713       76327       84483      446906
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                                   NATIONAL EMISSIONS DATA SYSTEM
                                  ********************************

                                  ENVIRONMENTAL PROTECTION AGENCY
                                 *********************************

STATE EMISSIONS REPORT
****************************                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 02:ALASKA                                         AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                       POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                          PARTICULATES        SOX            NOX            VOC             CO
                          ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL            47            826            346             13             97
         NATURAL GAS               12              2            396             20             78
         WOOD                    2747             27            219           5702          16939
         TOTAL (RESIDENTIAL)     2806            855            961           5735          17114

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         2513           2178           3888             18            932
         DISTILLATE OIL             0              8              3              0              0
         NATURAL GAS                6              1           1160              3             84
         OTHER                     52              8            181            110            259
         TOTAL (ELEC GEN)        2571           2195           5232            131           1275

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES         374            466            727              4            260
         RESIDUAL OIL
            AREA SOURCES            3             51             11              0              0
            POINT SOURCES           2             21              8              0              1
         DISTILLATE OIL
            AREA SOURCES           22            339            258              9             63
            POINT SOURCES          32           2121            516              5            129
         NATURAL GAS
            AREA SOURCES           56              9           2645             53            661
            POINT SOURCES           4              1            632              3             54
         WOOD
            POINT SOURCES          68             10            111            126            295
         TOTAL (INDUSTRIAL)
            AREA SOURCES           81            399           2914             62            724
            POINT SOURCES         480           2619           1994            138            739

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES         396           1301           2009             11            818
         RESIDUAL OIL
            AREA SOURCES            0             44             11              0              0
         DISTILLATE OIL
            AREA SOURCES           11            308            143              0             33
            POINT SOURCES          23            241            235              3             59
         NATURAL GAS
            AREA SOURCES           17              2            641             30            128
         RAIL                                  10          19          122          29           44
         TOTAL (DIESEL)                        45          45          412          72          133

    AIRCRAFT

       MILITARY                               116           8           59         136          283
       CIVIL                                    2           1           20          62         1223
       COMMERCIAL                              14          33          335         297          921
       TOTAL (AIRCRAFT)                       132          42          414         495         2427

    VESSELS

       DIESEL FUEL                            166         207         1546         387          541
       GASOLINE                                 0           2           17         380         1354
       TOTAL (VESSELS)                        166         209         1563         767         1895

    TOTAL (TRANSPORTATION)                    545         309         2713        1700         8290

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          200           2           47         226         1645
    FOREST MANAGED BURNING                     15           0            3          11           84
    STRUCTURAL FIRES                            8           0            0           7           35
    GASOLINE STA EVAP LOSS                      0           0            0         188            0
    SOLVENT EVAPORATION LOSS                    0           0            0         412            0
    UNPAVED ROADS                           41168           0            0           0            0
    UNPAVED AIRSTRIPS                         193           0            0           0            0
    TOTAL (MISCELLANEOUS)                   41584           2           50         844         1764

GRAND TOTAL
***********

    AREA SOURCES                            42950         794         4266        4121        15023

    POINT SOURCES                             970         816        11902        2179         2617

    TOTAL                                   43920        1610        16168        6300        17640
```

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****
STATE:03 ARIZONA AQCR:013 CLARK-MOHAVE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
NATURAL GAS	2	0	64	4	12
WOOD	76	1	6	158	469
TOTAL (RESIDENTIAL)	78	1	70	162	481
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	72	395	197	0	25
DISTILLATE OIL					
AREA SOURCES	2	18	14	0	3
NATURAL GAS					
AREA SOURCES	0	0	293	117	40
POINT SOURCES	0	0	13	0	3
OTHER					
POINT SOURCES	0	0	4	0	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	74	413	504	117	68
POINT SOURCES	0	0	17	0	4
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	0	6	1	0	0
DISTILLATE OIL					
AREA SOURCES	0	3	1	0	0
POINT SOURCES	0	3	1	0	0
NATURAL GAS					
AREA SOURCES	0	0	4	0	1
POINT SOURCES	34	7	1119	59	224
OTHER					
POINT SOURCES	0	1	2	0	0
TOTAL (COMM-INST)					
AREA SOURCES	0	9	6	0	1
POINT SOURCES	34	11	1122	59	224
TOTAL (EXTERNAL COMB)					
AREA SOURCES	152	423	580	279	550
POINT SOURCES	34	11	1139	59	228
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					

TOTAL (SOLID WASTE DISP)					
AREA SOURCES	5062	191	1180	7506	23444
POINT SOURCES	119	1	174	149	1499
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	33882	1396	29424	34439	341607
LIGHT DUTY TRUCKS	14966	893	17748	19908	169885
HEAVY DUTY VEHICLES	2625	228	7271	8425	133220
OFF HIGHWAY	122	59	1351	3595	45438
TOTAL (GASOLINE)	51595	2576	55794	66367	690150
DIESEL					
HEAVY DUTY VEHICLES	9163	4050	36828	4946	15177
OFF HIGHWAY	2567	2009	24146	3675	7301
RAIL	1423	3227	20957	5090	7365
TOTAL (DIESEL)	13153	9286	81931	13711	29843
AIRCRAFT					
MILITARY	720	46	369	847	1749
CIVIL	16	9	115	355	7080
COMMERCIAL	24	53	550	489	1519
TOTAL (AIRCRAFT)	760	108	1034	1691	10348
VESSELS					
DIESEL FUEL	30	37	301	81	109
GASOLINE	0	85	518	11339	40415
TOTAL (VESSELS)	30	122	819	11420	40524
TOTAL (TRANSPORTATION)	65538	12092	139578	93189	770865
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	7072	59	1663	7996	58238
FOREST MANAGED BURNING	2573	4	515	1838	14409
STRUCTURAL FIRES	552	0	46	411	2241
GASOLINE STA EVAP LOSS	0	0	0	10680	0
SOLVENT EVAPORATION LOSS	0	0	0	38176	0
UNPAVED ROADS	746388	0	0	0	0
UNPAVED AIRSTRIPS	4	0	0	0	0
TOTAL (MISCELLANEOUS)	756589	63	2224	59101	74888
GRAND TOTAL					
***********					
AREA SOURCES	838772	19168	186074	195789	941639
POINT SOURCES	64155	118598	47220	29705	227291
TOTAL	902927	137766	233294	225494	1168930

```
*** G08 ***                                                                                          *** G08 ***
                 AREA SOURCES                 417          591         4813         2358         2794
                 POINT SOURCES               2529        13411         4423          428         1219
     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                 417          591         4813         2358         2794
                 POINT SOURCES               2529        13411         4423          428         1219
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   649         4843           87           65            4
     MINERAL PRODUCTS                          70            0            0           53           10
     PETROLEUM INDUSTRY                       475         3365          490         6550        69987
     WOOD PRODUCTS                           1626          111          278            0         5793
     ORGANIC SOLVENT EVAPORATION                0            0            0           39            0
     PETROLEUM STORAGE/TRANSPORT                0            0            0         2567            0
     TOTAL (INDUSTRIAL)                      2820         8319          855         9274        75794
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION                  38            0            0          105          317
         OPEN BURNING                         289           11           74          388         1233
         TOTAL (RESIDENTIAL)                  327           11           74          493         1550
     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES                   8            2            3            5           12
         TOTAL (COMM-INST)
                 AREA SOURCES                   8            2            3            5           12
     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES                   5            0            0            5           10
                 POINT SOURCES                 24            0          157            4           20
         OPEN BURNING
                 AREA SOURCES                   2            0            1            3           10
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                   7            0            1            8           20
                 POINT SOURCES                 24            0          157            4           20
     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                 342           13           78          506         1582
                 POINT SOURCES                 24            0          157            4           20
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES             1745           78         1624         1802        17637
             LIGHT DUTY TRUCKS                885           53         1057         1159         9879
             HEAVY DUTY VEHICLES              176           15          508          571         9039
             OFF HIGHWAY                        9            4           87          233         2939
             TOTAL (GASOLINE)                2815          150         3276         3765        39494
         DIESEL

             HEAVY DUTY VEHICLES              584          269         2444          314          959
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*** G09 ***                                                                                              *** G09 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT
****************************                                                RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE 05:CALIFORNIA                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES         SOX            NOX            VOC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             3            143             59              0             16
         NATURAL GAS              768            152          25562           1353           5109
         WOOD                   47044            496           3718          97667         290277
         TOTAL (RESIDENTIAL)    47815            791          29339          99020         295402
      ELEC GENERATION (POINT)

         RESIDUAL OIL           11100          50751          61916           2947           3313
         DISTILLATE OIL            74            254            107              9             15
         NATURAL GAS             2874            207         163201           1841           8250
         OTHER                     47             17             91             78            226
         TOTAL (ELEC GEN)       14095          51229         225315           4875          11804
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         4941          16651           8284             27           1063
            POINT SOURCES           0            382            144              2              1
         RESIDUAL OIL
            POINT SOURCES       10805         109266          39191           1813           3107
         DISTILLATE OIL
            POINT SOURCES        1530          16140           8486            527            978
         NATURAL GAS
            AREA SOURCES           50              8          29605          11619           3978
            POINT SOURCES        1223            322          34480           1333           3527
         PROCESS GAS
            POINT SOURCES         409           1885           8361            653           1815
         WOOD
            POINT SOURCES        6388            968           7659           8795          22368
         LIQUID PETROL GAS
            POINT SOURCES           0              0             10              0              2
         OTHER
            POINT SOURCES         181           3156            459             60            271
         TOTAL (INDUSTRIAL)
            AREA SOURCES         4991          16659          37889          11446           5041
            POINT SOURCES       20541         132119          98790          13183          32069
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            POINT SOURCES           7             19             11              0              0
         RESIDUAL OIL
```

DIESEL					
HEAVY DUTY VEHICLES	894	353	2888	488	1513
OFF HIGHWAY	351	275	3300	502	997
RAIL	87	199	1288	312	452
TOTAL (DIESEL)	1332	827	7476	1302	2962
AIRCRAFT					
MILITARY	19	1	10	22	46
CIVIL	8	4	31	97	1957
COMMERCIAL	5	11	114	101	315
TOTAL (AIRCRAFT)	32	16	155	220	2318
VESSELS					
DIESEL FUEL	1	1	7	2	2
GASOLINE	0	0	2	47	166
TOTAL (VESSELS)	1	1	9	49	168
TOTAL (TRANSPORTATION)	16633	1403	18568	17889	163524
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	2994	27	704	3381	24656
AGRICULTURAL BURNING	110	0	15	102	734
STRUCTURAL FIRES	112	0	10	84	456
GASOLINE STA EVAP LOSS	0	0	0	2318	0
SOLVENT EVAPORATION LOSS	0	0	0	5756	0
UNPAVED ROADS	16276	0	0	0	0
UNPAVED AIRSTRIPS	27	0	0	0	0
TOTAL (MISCELLANEOUS)	19519	27	729	11641	25846
GRAND TOTAL ***********					
AREA SOURCES	37767	1862	21095	33070	199329
POINT SOURCES	2163	7756	30676	1883	2266
TOTAL	39930	9618	51771	34953	201595

```
*** G11 ***                                                                                    *** G11 ***
            POINT SOURCES               892        12001         8066          165          796
     TOTAL (EXTERNAL COMB)
            AREA SOURCES               1789         1060         3756         3406         9173
            POINT SOURCES              2972        23837        30195          547         2172
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   3           17           28            1            1
         NATURAL GAS                     41            1          838           45          107
         OTHER                            0            0            3            0            1
         TOTAL (ELEC GEN)                44           18          869           46          109

      INDUSTRIAL FUEL

         NATURAL GAS                      0            0           12            0            3
         DIESEL FUEL                      0            6            5            1           78
         OTHER                           11           30          149           10           32
         TOTAL (INDUSTRIAL)              11           36          166           11          113

      ENGINE-TESTING

         TOTAL (ENG TESTNG)              15           58          201           56           81

     TOTAL (INTERNAL COMB)               70          112         1236          113          303

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               1789         1060         3756         3406         9173
            POINT SOURCES              3042        23949        31431          660         2475
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              927            0            0           27            0
    FOOD/AGRICULTURAL                   702            0            3         3054            0
    PRIMARY METAL                         5            0            0            0            0
    SECONDARY METALS                    612            0         3511         1170           12
    MINERAL PRODUCTS                  10816           18           32           55           27
    ORGANIC SOLVENT EVAPORATION           0           59            0        17937            0
    PETROLEUM STORAGE/TRANSPORT           0            0            0         8200            0
    METAL FABRICATION                    25            0            0            3            0
    TOTAL (INDUSTRIAL)                13087           77         3546        30446           39
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OPEN BURNING                      26            2           10           69          140
       OTHER INCINERATION                13            0            5            0            0
       TOTAL (GOVERNMENT)                39            2           15           69          140

    RESIDENTIAL (AREA)

       ON SITE INCINERATION            1520           24           48         4275        12826
       OPEN BURNING                     556           21          142          750         2378
       TOTAL (RESIDENTIAL)             2076           45          190         5025        15204

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                14            5            7            8           20
             POINT SOURCES                1            0            0            0            0
```

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*** G12 ***                                                                                         *** G12 ***
      INDUSTRIAL FUEL

          DISTILLATE OIL                  2          2          499        665          7
          NATURAL GAS                    31       2629         2841       1326       1339
          DIESEL FUEL                     0          0            3          0          1
          TOTAL (INDUSTRIAL)             33       2631         3343       1991       1347

      TOTAL (INTERNAL COMB)              33       2631         3343       1991       1347

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES              481         52          365        980       2882
              POINT SOURCES             964       5276        15503       2098       1988
 INDUSTRIAL PROCESS (POINT)
 **************************

    CHEMICAL MANUFACTURING                1          0            0          0          2
    FOOD/AGRICULTURAL                   227          0            0          0          0
    MINERAL PRODUCTS                   2625         29           28        145         12
    PETROLEUM INDUSTRY                  179       6631          936       1322         79
    ORGANIC SOLVENT EVAPORATION           1         12           13        302          3
    PETROLEUM STORAGE/TRANSPORT           0          0            0       4495          0
    TOTAL (INDUSTRIAL)                 3033       6672          977       6264         96
 SOLID WASTE DISPOSAL
 ********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            118          2            4        332        996
        OPEN BURNING                     43          2           11         58        184
        TOTAL (RESIDENTIAL)             161          4           15        390       1180

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES             0          0            0          0          1
        TOTAL (COMM-INST)
                 AREA SOURCES             0          0            0          0          1

    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES             1          0            0          1          2
        OPEN BURNING
                 AREA SOURCES             2          0            1          3         10
                 POINT SOURCES            8          0            3         15         42
        TOTAL (INDUSTRIAL)
                 AREA SOURCES             3          0            1          4         12
                 POINT SOURCES            8          0            3         15         42

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           164          4           16        394       1193
                 POINT SOURCES            8          0            3         15         42
 TRANSPORTATION (AREA)
 *********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        3079         99         1948       2941      26463
            LIGHT DUTY TRUCKS          1223         54          963       1441      11670
            HEAVY DUTY VEHICLES         116          8          232        231       4943
```

```
*** 613 ***
MISCELLANEOUS (AREA)                                                                                    *** 613 ***
********************

    FOREST WILDFIRES                 290          3           68          327         2390
    FOREST MANAGED BURNING           386          4           77          275         2162
    STRUCTURAL FIRES                   9          0            1            6           36
    GASOLINE STA EVAP LOSS             0          0            0          304            0
    SOLVENT EVAPORATION LOSS           0          0            0          360            0
    UNPAVED ROADS                  34509          0            0            0            0
    UNPAVED AIRSTRIPS                 24          0            0            0            0
    TOTAL (MISCELLANEOUS)          35218          7          146         1272         4588
GRAND TOTAL
***********

    AREA SOURCES                   38157        332         2791         7259        45782

    POINT SOURCES                    271         28         1293          396         4391

    TOTAL                          38428        360         4084         7655        50173
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:06 COLORADO AQCR:037 PAWNEE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	15	31	2	11	89
DISTILLATE OIL	0	18	6	0	1
NATURAL GAS	14	2	480	25	96
TOTAL (RESIDENTIAL)	29	51	488	36	186
ELEC GENERATION (POINT)					
DISTILLATE OIL	1	18	13	0	3
TOTAL (ELEC GEN)	1	18	13	0	3
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	3063	6224	6108	14	289
RESIDUAL OIL					
AREA SOURCES	1	12	3	0	0
POINT SOURCES	297	146	66	0	6
DISTILLATE OIL					
AREA SOURCES	8	117	90	3	21
POINT SOURCES	0	9	5	0	1
NATURAL GAS					
AREA SOURCES	4	1	1588	570	208
POINT SOURCES	82	0	79	1	20
COKE					
POINT SOURCES	30	19	10	0	0
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
OTHER					
POINT SOURCES	0	0	1	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	13	130	1681	573	229
POINT SOURCES	3472	6398	6270	15	316
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	3	243	92	1	74
RESIDUAL OIL					
POINT SOURCES	130	1726	667	14	61
DISTILLATE OIL					
POINT SOURCES	1	46	12	0	3
NATURAL GAS					
POINT SOURCES	3	0	238	3	38

```
*** 615 ***
SELECT CARD = <07                                                                                    *** 615 ***
                                                                       25>
```

```
                                                                                                        *** 616 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************
                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:07 CONNECTICUT     AQCR:043 NEW JERSEY-NEW YORK-CONNECTICU      AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              2              6              1              2             20
         BITUMINOUS COAL              0              1              0              0              1
         DISTILLATE OIL             186           2142           1339             52            372
         NATURAL GAS                 15              3            487             26             97
         TOTAL (RESIDENTIAL)        203           2152           1827             80            490
      ELEC GENERATION (POINT)

         RESIDUAL OIL               573          11249           9427            107            703
         DISTILLATE OIL               0              6              5              0              1
         TOTAL (ELEC GEN)           573          11255           9432            107            704
      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES            42            555            391              2             36
         DISTILLATE OIL
            AREA SOURCES             10             95            107              4             25
            POINT SOURCES             5             72             21              0              5
         NATURAL GAS
            AREA SOURCES              6              1            385             12             37
            POINT SOURCES             1              0             38              1              9
         TOTAL (INDUSTRIAL)
            AREA SOURCES             16             96            492             16             62
            POINT SOURCES            48            627            450              3             50
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             21             69             25              0              2
         BITUMINOUS COAL
            AREA SOURCES              2             14              2              0              1
         RESIDUAL OIL
            POINT SOURCES            26            346            239              5             22
         DISTILLATE OIL
            AREA SOURCES             31            449            312              5             78
            POINT SOURCES             4             85             35              1              9
         NATURAL GAS
            AREA SOURCES              8              2            261             14             52
            POINT SOURCES             0              0              2              0              1
         TOTAL (COMM-INST)
            AREA SOURCES             62            534            600             19            133
```

```
*** G17 ***
SELECT CARD = <08    046                                                                    45>
                                                                                                  *** G17 ***
```

ON SITE INCINERATION	334	4	6	952	2864
OPEN BURNING	5877	219	1503	7927	25149
TOTAL (RESIDENTIAL)	6211	223	1509	8879	28013
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	40	11	18	23	60
POINT SOURCES	18	1471	35	35	119
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	41	11	18	25	64
POINT SOURCES	18	1471	35	35	119
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	54	8	8	52	89
POINT SOURCES	210	187	709	658	1329
OPEN BURNING					
AREA SOURCES	11	0	4	19	65
TOTAL (INDUSTRIAL)					
AREA SOURCES	65	8	12	71	154
POINT SOURCES	210	187	709	658	1329
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	6317	242	1539	8975	28231
POINT SOURCES	2054	2892	1102	804	3005
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	243464	8080	159194	205666	2104385
LIGHT DUTY TRUCKS	43795	2113	38813	46904	416794
HEAVY DUTY VEHICLES	10471	777	23055	31248	492512
OFF HIGHWAY	475	251	5287	14071	177909
TOTAL (GASOLINE)	298205	11221	226349	297889	3191600
DIESEL					
HEAVY DUTY VEHICLES	24891	10058	92262	13552	41966
OFF HIGHWAY	1150	892	10772	1640	3259
RAIL	919	2090	13562	3295	4769
TOTAL (DIESEL)	26960	13040	116596	18487	49994
AIRCRAFT					
MILITARY	11165	723	5734	13134	27117
CIVIL	104	53	447	1394	27913
COMMERCIAL	210	485	5027	4459	13847
TOTAL (AIRCRAFT)	11479	1261	11208	18987	68877
VESSELS					
DIESEL FUEL	1303	1618	12109	3021	4237
RESIDUAL OIL	861	11343	1863	110	61
GASOLINE	0	259	1493	32836	117040
TOTAL (VESSELS)	2164	13220	15465	35967	121338
TOTAL (TRANSPORTATION)	338808	38742	369618	371330	3431809

```
   395.          00           078
   396.          00           079                                                   40
   397.          00           082                                                   40
   398.          00           085                                                   40
   399.          00           086                                                   40
   400.          00           087                                                   40
   401.          00           094                                                   40
   402.          00           103                                                   40
   403.          00           106                                                   40
   404.          00           107                                                   40
   405.          00           113                                                   40
   406.          00           120                                                   40
   407.          00           121                                                   40
   408.          00           124                                                   40
   409.          00           128                                                   40
   410.          00           129                                                   40
   411.          00           130                                                   40
   412.          00           151                                                   40
   413.          00           153                                                   40
   414.          00           159                                                   40
   415.          00           167                                                   40
   416.          00           178                                                   40
   417.          00           179                                                   40
   418.          00           181                                                   40
   419.          00           193                                                   40
   420.          00           207                                                   40
                                                                                    40
END ELT.  ERRORS: NONE. TIME:  1.172 SEC. IMAGE COUNT: 420

@ASG,A  DPS*TEST-RUN
FAC WARNING          040000000200

@COPY,S  DPS*TEST-RUN.NER204  .  1981 SNAPSHOT FILE
FURPUR 28R3 U1 74R1T2 11/28/83 17:09:11
 1 SYM

@FREE  DPS*TEST-RUN

@SETC,0

@ADD,PL  NER204

@ASG,A  NADB*1981.

@USE  NEDS-USER.,NADB*1981.

@ASG,A NADB*NEDS-USER-AR.

@ASG,A NADB*AERO-CTYCNTY.
FAC WARNING          040000104000

@ASG,A NADB*AERO-AQCR.
FAC WARNING          040000104000
```

```
*** H02 ***
                                                                                                      *** H02 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:01 ALABAMA        AQCR:001 ALABAMA AND TOMBIGBEE RIVERS    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

           BITUMINOUS COAL              7             42              1              5             50
           DISTILLATE OIL               0              9              5              0              1
           NATURAL GAS                  3              0            148             10             30
           WOOD                      2825             29            223           5861          17422
           TOTAL (RESIDENTIAL)       2835             80            377           5876          17503

        ELEC GENERATION (POINT)

           BITUMINOUS COAL           4431           3935           9191             31            263
           DISTILLATE OIL               0             11              6              0              1
           TOTAL (ELEC GEN)          4431           3946           9197             31            264

        INDUSTRIAL FUEL

           BITUMINOUS COAL
               AREA SOURCES           265           2639            523              1             68
               POINT SOURCES         1374           7200           1901              9            581
           RESIDUAL OIL
               POINT SOURCES          262           9103            831              4             75
           DISTILLATE OIL
               POINT SOURCES           13            319             24              0              6
           NATURAL GAS
               AREA SOURCES             6              0           2525            914            332
               POINT SOURCES           28              4           2349              8            195
           PROCESS GAS
               POINT SOURCES            0            398              0              0              0
           WOOD
               POINT SOURCES          786             33            214            242            570
           TOTAL (INDUSTRIAL)
               AREA SOURCES           271           2639           3048            915            400
               POINT SOURCES         2463          17057           5319            263           1427

        COMM-INSTITUTIONAL FUEL

           ANTHRACITE COAL
               AREA SOURCES             1              4              1              0              0
           BITUMINOUS COAL
               AREA SOURCES             5             37              4              0              1
           DISTILLATE OIL
               AREA SOURCES             1             28             19              0              5
           NATURAL GAS
               AREA SOURCES             0              0             46              1              9
```

POINT SOURCES	35874	299012	129628	17325	117211
TOTAL	132286	315725	205955	101808	564117

POINT SOURCES	7	2	809	5	77
OTHER					
POINT SOURCES	3	27	23	0	6
TOTAL (COMM-INST)					
AREA SOURCES	28	354	795	30	161
POINT SOURCES	429	1571	3076	19	960
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2915	1608	4670	5827	17999
POINT SOURCES	3480	6385	10302	288	2974
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	836	789	11712	801	2549
NATURAL GAS	143	5	4237	130	1180
OTHER	372	69	5204	356	1132
TOTAL (ELEC GEN)	1351	863	21153	1287	4861
INDUSTRIAL FUEL					
DISTILLATE OIL	52	52	778	52	169
NATURAL GAS	115	5	6687	154	1444
TOTAL (INDUSTRIAL)	167	57	7465	206	1613
TOTAL (INTERNAL COMB)	1518	920	28618	1493	6474
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2915	1608	4670	5827	17999
POINT SOURCES	4998	7305	38920	1781	9448
INDUSTRIAL PROCESS (POINT) **************************					
MINERAL PRODUCTS	272	30	13	33	15
PETROLEUM INDUSTRY	3	0	155	6	39
WOOD PRODUCTS	308	10	159	0	4904
ORGANIC SOLVENT EVAPORATION	0	0	0	531	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	11054	0
TOTAL (INDUSTRIAL)	583	40	327	11624	4958
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	7	1	0	8	14
TOTAL (GOVERNMENT)	7	1	0	8	14
RESIDENTIAL (AREA)					
ON SITE INCINERATION	304	2	8	862	2586
OPEN BURNING	616	21	157	836	2643
TOTAL (RESIDENTIAL)	920	23	165	1698	5229
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	3	1	1	2	4
POINT SOURCES	10	0	1	6	8
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	4	1	1	4	8

```
SELECT CARD = <02     011                                                                      45>
STATE 02 COUNTY 0420 NOT FOUND IN POINT FILE
STATE 02 COUNTY 0440 NOT FOUND IN POINT FILE
```

```
                DISTILLATE OIL                 5          6         74          5         16
                NATURAL GAS                    1          0        357          9         45
                TOTAL (INDUSTRIAL)             6          6        431         14         61

          TOTAL (INTERNAL COMB)                6          6        431         14         61

      TOTAL (FUEL COMBUSTION)

                   AREA SOURCES              152        423        580        279        550
                   POINT SOURCES              40         17       1570         73        289

INDUSTRIAL PROCESS (POINT)
**************************

      FOOD/AGRICULTURAL                      639          0          0          0          0
      SECONDARY METALS                        30          0          0          0          0
      MINERAL PRODUCTS                       191          0          0          0          0
      ORGANIC SOLVENT EVAPORATION              0          0          0         19          0
      PETROLEUM STORAGE/TRANSPORT              0          0          0        435          0
      OTHER/NOT CLASSIFIED                     2          0          0          0          0
      TOTAL (INDUSTRIAL)                     862          0          0        454          0

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION                97          1          3        273        818
          OPEN BURNING                        80          3         20        107        340
          TOTAL (RESIDENTIAL)                177          4         23        380       1158

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES                 6          1          3          3          8
          OPEN BURNING
                  AREA SOURCES                 1          0          0          2          4
          TOTAL (COMM-INST)
                  AREA SOURCES                 7          1          3          5         12

      INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES                16          4          4         15         22
          OPEN BURNING
                  AREA SOURCES                11          0          4         20         70
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                27          4          8         35         92

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               211          9         34        420       1262

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES           2679        107       2344       3096      29390
              LIGHT DUTY TRUCKS             1486         80       1597       1985      16796
              HEAVY DUTY VEHICLES            105          9        276        321       5107
              OFF HIGHWAY                      7          4         72        193       2433
              TOTAL (GASOLINE)              4277        200       4289       5595      53726

          DIESEL
```

```
SELECT CARD = <04    016                                                                   45>
STATE 04 COUNTY 0360 NOT FOUND IN POINT FILE
STATE 04 COUNTY 0460 NOT FOUND IN POINT FILE
STATE 04 COUNTY 0740 NOT FOUND IN POINT FILE
STATE 04 COUNTY 0840 NOT FOUND IN POINT FILE
STATE 04 COUNTY 1420 NOT FOUND IN POINT FILE
STATE 04 COUNTY 1980 NOT FOUND IN POINT FILE
```

```
          OFF HIGHWAY                     109        85        1020        155        309
          RAIL                             86       194        1257        305        442
          TOTAL (DIESEL)                  779       548        4721        774       1710

     AIRCRAFT

        CIVIL                               1         0           6         22        444
        TOTAL (AIRCRAFT)                    1         0           6         22        444

     VESSELS

        GASOLINE                            0         1          10        187        667
        TOTAL (VESSELS)                     0         1          10        187        667

     TOTAL (TRANSPORTATION)              3595       699        8013       4748      42315

 MISCELLANEOUS (AREA)
 ********************

     FOREST WILDFIRES                     508         5         120        574       4176
     FOREST MANAGED BURNING               266         1          53        189       1486
     STRUCTURAL FIRES                      38         0           3         28        151
     GASOLINE STA EVAP LOSS                 0         0           0        647          0
     SOLVENT EVAPORATION LOSS               0         0           0       2328          0
     UNPAVED ROADS                      57525         0           0          0          0
     TOTAL (MISCELLANEOUS)              58337         6         176       3766       5813

 GRAND TOTAL
 ***********

     AREA SOURCES                       62691      1309       13080      11378      52504

     POINT SOURCES                       5373     21730        5435       9706      77033

     TOTAL                              68064     23039       18515      21084     129537
```

AREA SOURCES	2139	5423	6251	122	566
POINT SOURCES	929	12298	7943	168	719
DISTILLATE OIL					
POINT SOURCES	349	6230	2645	112	368
NATURAL GAS					
AREA SOURCES	219	40	7492	393	1496
POINT SOURCES	266	51	6679	421	1514
WOOD					
POINT SOURCES	27	0	14	29	73
LIQUID PETROL GAS					
POINT SOURCES	1	57	15	0	2
OTHER					
POINT SOURCES	42	231	461	10	53
TOTAL (COMM-INST)					
AREA SOURCES	2358	5463	13743	515	2062
POINT SOURCES	1621	18886	17768	740	2729
TOTAL (EXTERNAL COMB)					
AREA SOURCES	55164	22913	80971	110981	302505
POINT SOURCES	36257	202234	341873	18798	46602
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	105	782	1228	75	107
NATURAL GAS	281	18	7806	216	1000
OTHER	0	1	15	1	2
TOTAL (ELEC GEN)	386	801	9049	292	1109
INDUSTRIAL FUEL					
DISTILLATE OIL	30	40	1242	723	83
NATURAL GAS	134	2687	25576	8537	5183
GASOLINE	0	0	0	1	2
DIESEL FUEL	6	8	86	9	97
OTHER	11	30	149	10	32
TOTAL (INDUSTRIAL)	181	2765	27053	9280	5397
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	11	5	173	6	1305
ENGINE-TESTING					
TOTAL (ENG TESTNG)	79	104	398	219	399
TOTAL (INTERNAL COMB)	657	3675	36673	9797	8210
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	55164	22913	80971	110981	302505
POINT SOURCES	36914	205909	378546	28595	54812
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	4524	42687	4924	23037	124510
FOOD/AGRICULTURAL	10798	16	1168	4929	261
PRIMARY METAL	3781	22334	6261	2377	48954
SECONDARY METALS	3988	1910	5417	2038	2177
MINERAL PRODUCTS	39386	9579	22850	1134	12142
PETROLEUM INDUSTRY	11274	109329	67555	88219	54867
WOOD PRODUCTS	5944	1641	889	2101	3768
ORGANIC SOLVENT EVAPORATION	9509	19	279	146633	582
PETROLEUM STORAGE/TRANSPORT	45	304	1	117704	0

```
*** H10 ***
SELECT CARD = <05    026                                                                     45>                                    *** H10 ***
```

```
*** H11 ***                                                                                                   *** H11 ***
        OPEN BURNING
                AREA SOURCES                   3           0           1           6          17
        TOTAL (COMM-INST)
                AREA SOURCES                  17           5           8          14          37
                POINT SOURCES                  1           0           0           0           0
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   9           2           2           8          12
        OPEN BURNING
                AREA SOURCES                  18           1           6          31         110
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  27           3           8          39         122

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                2120          53         206        5078       15363
                POINT SOURCES                 40           2          15          69         140
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            44441        1241       23728       37376      351094
            LIGHT DUTY TRUCKS              11639         443        7767       11960      102625
            HEAVY DUTY VEHICLES             1424          92        2429        2806       58883
            OFF HIGHWAY                       92          49        1026        2729       34498
            TOTAL (GASOLINE)               57596        1825       34950       54871      547100
        DIESEL

            HEAVY DUTY VEHICLES             2240         816        6739        1231        3843
            OFF HIGHWAY                      543         425        5111         778        1545
            RAIL                             327         746        4840        1175        1700
            TOTAL (DIESEL)                  3110        1987       16690        3184        7088
    AIRCRAFT

        MILITARY                            2562         166        1315        3013        6222
        CIVIL                                 17          10          75         231        4620
        COMMERCIAL                            23          54         566         502        1558
        TOTAL (AIRCRAFT)                    2602         230        1956        3746       12400
    VESSELS

        DIESEL FUEL                           35          44         330          83         116
        RESIDUAL OIL                         221        2914         479          29          16
        GASOLINE                               0           7          41         912        3252
        TOTAL (VESSELS)                      256        2965         850        1024        3384

    TOTAL (TRANSPORTATION)                 63564        7007       54446       62825      569972
MISCELLANEOUS (AREA)
********************

    AGRICULTURAL BURNING                      27           0           4          25         179
    STRUCTURAL FIRES                         388           0          37         291        1580
    GASOLINE STA EVAP LOSS                     0           0           0        7309           0
    SOLVENT EVAPORATION LOSS                   0           0           0       23269           0
    UNPAVED ROADS                          32420           0           0           0           0
    TOTAL (MISCELLANEOUS)                  32835           0          41       30894        1759
GRAND TOTAL
```

```
*** H12 ***                                                                                                  *** H12 ***
          OFF HIGHWAY                          8            4           88          235         2976
          TOTAL (GASOLINE)                  4426          165         3231         4848        46052
      DIESEL

          HEAVY DUTY VEHICLES                171           68          556           94          290
          OFF HIGHWAY                         79           62          748          114          226
          RAIL                                27           62          403           98          142
          TOTAL (DIESEL)                     277          192         1707          306          658
   AIRCRAFT

       MILITARY                               26            2           13           31           64
       TOTAL (AIRCRAFT)                       26            2           13           31           64
   VESSELS

       DIESEL FUEL                            27           34          255           64           89
       GASOLINE                                0           17           97         2130         7591
       TOTAL (VESSELS)                        27           51          352         2194         7680

   TOTAL (TRANSPORTATION)                   4756          410         5303         7379        54454

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                           59            1           14           67          488
   FOREST MANAGED BURNING                      8            0            2            5           42
   AGRICULTURAL BURNING                       81            0           11           74          536
   STRUCTURAL FIRES                           30            0            3           23          123
   GASOLINE STA EVAP LOSS                      0            0            0          849            0
   SOLVENT EVAPORATION LOSS                    0            0            0         1426            0
   UNPAVED ROADS                            7179            0            0            0            0
   UNPAVED AIRSTRIPS                           4            0            0            0            0
   TOTAL (MISCELLANEOUS)                    7361            1           30         2444         1189
GRAND TOTAL
***********

   AREA SOURCES                            12762          467         5694        11197        59718

   POINT SOURCES                            4005        11948        16483         8377         2126

   TOTAL                                   16767        12415        22177        19574        61844
```

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SELECT CARD = <06    034                                                                                  45>
STATE 06 COUNTY 0740 NOT FOUND IN POINT FILE
```

```
          TOTAL (COMM-INST)
               POINT SOURCES         137          2015          1009            18           176

        TOTAL (EXTERNAL COMB)
              AREA SOURCES            42           181          2169           609           415
              POINT SOURCES         3610          8431          7292            33           495
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL             1            18            19             1             4
            NATURAL GAS                9             0           273             9            77
            TOTAL (ELEC GEN)          10            18           292            10            81
        INDUSTRIAL FUEL

            NATURAL GAS                9             1          2777            67           357
            TOTAL (INDUSTRIAL)         9             1          2777            67           357

        TOTAL (INTERNAL COMB)         19            19          3069            77           438

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES            42           181          2169           609           415
              POINT SOURCES         3629          8450         10361           110           933
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             1             0             0             0             0
    FOOD/AGRICULTURAL               6107             0             0             0             1
    PRIMARY METAL                      1             0             0             0             0
    MINERAL PRODUCTS                6288          2570           655            22            11
    ORGANIC SOLVENT EVAPORATION        0             0             0           169             0
    PETROLEUM STORAGE/TRAPSPORT        0             0             0            32             0
    OTHER/NOT CLASSIFIED               0           282             0             0             0
    TOTAL (INDUSTRIAL)             12397          2852           655           223            12
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION         259             3             8           729          2192
        OPEN BURNING                 310            10            80           418          1326
        TOTAL (RESIDENTIAL)          569            13            88          1147          3518
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES             6             2             4             4            12
        TOTAL (COMM-INST)
              AREA SOURCES             6             2             4             4            12
    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES             1             0             0             1             2
        TOTAL (INDUSTRIAL)
              AREA SOURCES             1             0             0             1             2

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES           576            15            92          1152          3532
TRANSPORTATION (AREA)
```

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                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE EMISSIONS REPORT
**************************                                           RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE 07:CONNECTICUT                                   AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                       POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX           NOX           VOC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              19            51             5            19           169
         BITUMINOUS COAL               3            12             0             1            16
         DISTILLATE OIL              691          7965          4979           194          1384
         NATURAL GAS                  55            10          1004            96           360
         WOOD                      15049           159          1188         31248         92874
         TOTAL (RESIDENTIAL)       15817          8197          7976         31558         94803
      ELEC GENERATION (POINT)

         RESIDUAL OIL               1421         27792         25557           290          1907
         DISTILLATE OIL                1            54            39             0             8
         TOTAL (ELEC GEN)           1422         27846         25596           290          1915
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             14             1             5             0             4
         RESIDUAL OIL
            POINT SOURCES            463          6788          4664            25           423
         DISTILLATE OIL
            AREA SOURCES              35           340           384            13            90
            POINT SOURCES             22           291            91             0            22
         NATURAL GAS
            AREA SOURCES              19             3          1198            39           115
            POINT SOURCES              5             1           521             4            58
         TOTAL (INDUSTRIAL)
            AREA SOURCES              54           343          1582            52           205
            POINT SOURCES            504          7081          5281            29           507
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              77           259            94             0             5
         BITUMINOUS COAL
            AREA SOURCES               7            51             7             0             4
         RESIDUAL OIL
            POINT SOURCES            159          2163          1513            31           138
         DISTILLATE OIL
            AREA SOURCES             118          1696          1179            19           295
            POINT SOURCES             10           163            65             1            16
         NATURAL GAS
            AREA SOURCES              29             5           978            52           195
```

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*** H16 ***
            POINT SOURCES               30        431        276          6         32   *** H16 ***
      TOTAL (EXTERNAL COMB)
            AREA SOURCES               281       2782       2919        115        685
            POINT SOURCES              651      12313      10158        116        786
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 12         12        173         12         37
         OTHER                           1          2         20          1          5
         TOTAL (ELEC GEN)               13         14        193         13         42
      ENGINE-TESTING

         TOTAL (ENG TESTNG)              5          6          7         21         15

      TOTAL (INTERNAL COMB)             18         20        200         34         57

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               281       2782       2919        115        685
            POINT SOURCES              669      12333      10358        150        843
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               9          0          0         97          0
    FOOD/AGRICULTURAL                    0          0          0        209          0
    PRIMARY METAL                       29          0          4          0        938
    SECONDARY METALS                   215         12          1          0         94
    MINERAL PRODUCTS                    84         23         12         26         12
    ORGANIC SOLVENT EVAPORATION          0          0          0       1168          0
    PETROLEUM STORAGE/TRANSPORT          0          0          0        298          0
    METAL FABRICATION                   28          0          0          0          0
    TEXTILE MANUFACTURING                0          0          0        366          0
    OTHER/NOT CLASSIFIED                 7          0          1        226         40
    TOTAL (INDUSTRIAL)                 372         35         18       2370       1084
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION           107        179        215        107       2507
      TOTAL (GOVERNMENT)               107        179        215        107       2507
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            POINT SOURCES               33          7         11         30         44
      TOTAL (COMM-INST)
            POINT SOURCES               33          7         11         30         44
   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES               11          3          3          5         15
      TOTAL (INDUSTRIAL)
            POINT SOURCES               11          3          3          5         15

   TOTAL (SOLID WASTE DISP)
            POINT SOURCES              151        189        229        142       2566
TRANSPORTATION (AREA)
```

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*** H17 ***
                                                                                              *** H17 ***
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                            RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:08 DELAWARE       AQCR:046 SOUTHERN DELAWARE          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             2               2              0              2             10
         DISTILLATE OIL             23             264            166              6             46
         NATURAL GAS                 2               0             85              4             17
         WOOD                     2274              24            179           4722          14035
         TOTAL (RESIDENTIAL)      2301             290            430           4734          14108
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           374           48797          31280             64            552
         RESIDUAL OIL              622            7649           1287             15             96
         DISTILLATE OIL              0              73             49              0             10
         NATURAL GAS                 2               0             76              2             19
         TOTAL (ELEC GEN)          998           56519          32692             81            677
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             2              12              7              0              0
         BITUMINOUS COAL
            POINT SOURCES         1631            7818           1888              6             54
         RESIDUAL OIL
            POINT SOURCES          206            3026            506              2             46
         DISTILLATE OIL
            POINT SOURCES            2              54             26              0              6
         NATURAL GAS
            AREA SOURCES             3               0            134              3             34
            POINT SOURCES            1               0             47              2             10
         TOTAL (INDUSTRIAL)
            AREA SOURCES             5              12            141              3             34
            POINT SOURCES         1840           10898           2467             10            116
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             2               8              2              0              0
         RESIDUAL OIL
            AREA SOURCES           141            1664            411              8             38
            POINT SOURCES           72             956            204              4             18
         DISTILLATE OIL
            AREA SOURCES             6              77             56              0             13
            POINT SOURCES            4              80             38              0              9
```

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*** H18 ***
MISCELLANEOUS (AREA)                                                                                      *** H15 ***
********************

    FOREST WILDFIRES                    2080          11         489        2354       17126
    FOREST MANAGED BURNING             40546         305        8111       28995      227056
    AGRICULTURAL BURNING               11233           0        1594       10358       74653
    STRUCTURAL FIRES                    1941           0         177        1452        7899
    GASOLINE STA EVAP LOSS                 0           0           0       45414           0
    SOLVENT EVAPORATION LOSS               0           0           0      130209           0
    UNPAVED ROADS                     423126           0           0           0           0
    UNPAVED AIRSTRIPS                     25           0           0           0           0
    TOTAL (MISCELLANEOUS)             478951         316       10371      218782      326734
GRAND TOTAL
***********

    AREA SOURCES                      839359       41199      389977      632091     3881124

    POINT SOURCES                     114438     1067134      371139       55017      135853

    TOTAL                             953797     1108333      761116      687108     4016977
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FAC WARNING         040000000200

@ASG,A NADB*NEDS-CNTY-RG.

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FORT-PRINT   IS NOT CATALOGUED OR ASSIGNED
FAC STATUS: 400010000000
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 CCER 00:00:05.859 CAU  00:00:00.000 MEMY 00:02:07.350-0014K
DCONT 00:00:00.000 SRUS 00:00:07.532

@ASG,CP FORT-PRINT.,F40/128/TRK/1280

@ASG,A NADB*NADB-ABS/
FAC WARNING         040200000000

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 1 ABS
 17:12:11    FURPUR
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@FREE NADB*NADB-ABS.

@XQT TPF$.NE204
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```
            TOTAL (COMM-INST)
                 AREA SOURCES                  7            69            70             1            15

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES               3113          2788          3495          6792         17918
                POINT SOURCES               6894         21003         14516           294          1691

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

              DISTILLATE OIL                   0             4             2             0             0
              TOTAL (ELEC GEN)                 0             4             2             0             0

         TOTAL (INTERNAL COMB)                 0             4             2             0             0

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES               3113          2788          3495          6792         17918
                POINT SOURCES               6894         21007         14518           294          1691
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   54          5420             1           151             1
     PRIMARY METAL                            80             0             0             0             0
     SECONDARY METALS                         44             0             0             0             0
     MINERAL PRODUCTS                        240            15             7            16             7
     PETROLEUM INDUSTRY                        0          3842             0            50          1402
     WOOD PRODUCTS                          2300          2920          1397             0         30016
     PETROLEUM STORAGE/TRANSPORT               0             0             0             6             0
     METAL FABRICATION                       511             0             0             0             0
     TOTAL (INDUSTRIAL)                     3229         12197          1405           223         31426
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          ON SITE INCINERATION               134             1             2           375          1124
          OPEN BURNING                       621            23           159           837          2660
          TOTAL (RESIDENTIAL)                755            24           161          1212          3784

     COMMERCIAL-INSTITUTIONAL

          OPEN BURNING
                 AREA SOURCES                 10             0             1            19            41
          TOTAL (COMM-INST)
                 AREA SOURCES                 10             0             1            19            41

     INDUSTRIAL

          OPEN BURNING
                 AREA SOURCES                  6             0             3             9            30
                POINT SOURCES                 12             1             9           153           434
          TOTAL (INDUSTRIAL)
                 AREA SOURCES                  6             0             3             9            30
                POINT SOURCES                 12             1             9           153           434

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                771            24           165          1240          3855
                POINT SOURCES                 12             1             9           153           434
TRANSPORTATION (AREA)
*********************
```

*** I03 ***

SELECT CARD = <01 005 45>

*** I03 ***

```
             POINT SOURCES              10          0          1          6          8
    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                1          0          0          1          2
             POINT SOURCES              79         18        113         80        482
       OPEN BURNING
             AREA SOURCES               12          0          6         18         60
             POINT SOURCES               9          0          2         12         70
       TOTAL (INDUSTRIAL)
             AREA SOURCES               13          0          6         19         62
             POINT SOURCES              88         18        115         92        552

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES              937         24        172       1721       5299
             POINT SOURCES             105         19        116        106        574
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES         4912        186       4215       5635      59973
          LIGHT DUTY TRUCKS           3386        183       4168       5454      50821
          HEAVY DUTY VEHICLES          378         30       1052       1320      20177
          OFF HIGHWAY                   19         10        243        644       8116
          TOTAL (GASOLINE)            8695        409       9678      13053     139087
       DIESEL

          HEAVY DUTY VEHICLES          617        262       2538        351       1049
          OFF HIGHWAY                  230        183       2189        334        662
          RAIL                          71        152        980        237        347
          TOTAL (DIESEL)               918        597       5707        922       2058
    AIRCRAFT

       MILITARY                       1160         76        595       1365       2821
       CIVIL                            29         18        148        464       9265
       COMMERCIAL                       72        165       1720       1525       4734
       TOTAL (AIRCRAFT)               1261        259       2463       3354      16820
    VESSELS

       DIESEL FUEL                     391        488       3640        911       1273
       GASOLINE                          0          8         58       1281       4573
       TOTAL (VESSELS)                 391        496       3698       2192       5846

    TOTAL (TRANSPORTATION)           11265       1761      21546      19521     163811
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   708          6        167        799       5823
    FOREST MANAGED BURNING             472          3         95        338       2641
    STRUCTURAL FIRES                    78          0          4         59        324
    GASOLINE STA EVAP LOSS               0          0          0       1792          0
    SOLVENT EVAPORATION LOSS             0          0          0       3373          0
    UNPAVED ROADS                   573751          0          0          0          0
    UNPAVED AIRSTRIPS                 1058          0          0          0          0
    TOTAL (MISCELLANEOUS)           576067          0        266       6361       8788
GRAND TOTAL                                         9
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                                                                                                        *** 105 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:          MONDAY  NOVEMBER 28, 1983
STATE:02 ALASKA        AQCR:011 SOUTHEASTERN ALASKA          AREA EMISSIONS AS OF:         TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:          MONDAY      JULY 11, 1983

                             PARTICULATES        SOX             NOX             VOC             CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                11             195              82               4              23
         NATURAL GAS                    0               0               2               0               0
         WOOD                         153               0              13             316             937
         TOTAL (RESIDENTIAL)          164             195              97             320             960

      ELEC GENERATION (POINT)

         OTHER                         52               8             181             110             259
         TOTAL (ELEC GEN)              52               8             181             110             259

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                0               8               2               0               0
         DISTILLATE OIL
            AREA SOURCES                2              37              28               1               8
            POINT SOURCES               3            1871             243               2              61
         NATURAL GAS
            AREA SOURCES                7               1             319               7              80
         WOOD
            POINT SOURCES              68              10             111             126             295
         TOTAL (INDUSTRIAL)
            AREA SOURCES                9              46             349               8              88
            POINT SOURCES              71            1881             354             128             356

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                0              16               4               0               0
         DISTILLATE OIL
            AREA SOURCES                4             112              52               0              12
            POINT SOURCES               2               3              22               0               6
         NATURAL GAS
            AREA SOURCES                2               0              65               3              12
         TOTAL (COMM-INST)
            AREA SOURCES                6             128             121               3              24
            POINT SOURCES               2               3              22               0               6

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              179             369             567             331            1072
            POINT SOURCES             125            1892             557             238             621

   INTERNAL COMBUSTION (POINT)
```

```
          HEAVY DUTY VEHICLES           353          157         1421          190          583
          OFF HIGHWAY                    97           76          914          139          276
          RAIL                           37           84          551          134          194
          TOTAL (DIESEL)                487          317         2886          463         1053
     AIRCRAFT

        MILITARY                        344           22          177          405          836
        CIVIL                             3            2           14           45          901
        TOTAL (AIRCRAFT)                347           24          191          450         1737
     VESSELS

        GASOLINE                          0           27          152         3353        11953
        TOTAL (VESSELS)                   0           27          152         3353        11953

     TOTAL (TRANSPORTATION)            5111          568         7518         9861        68469

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                    24            0            3           19          101
     GASOLINE STA EVAP LOSS               0            0            0         1084            0
     SOLVENT EVAPORATION LOSS             0            0            0         1147            0
     UNPAVED ROADS                    18497            0            0            0            0
     UNPAVED AIRSTRIPS                   38            0            0            0            0
     TOTAL (MISCELLANEOUS)            18559            0            3         2250          101

GRAND TOTAL
***********

     AREA SOURCES                     24033         1000         8135        12810        70382

     POINT SOURCES                      902           17         1570          527          289

     TOTAL                            24935         1017         9705        13337        70671
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                         RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:04 ARKANSAS      AQCR:016 CENTRAL ARKANSAS          AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              8              7              0              1
         NATURAL GAS                  31              5           1002             54            201
         WOOD                       1939             20            154           4023          11961
         TOTAL (RESIDENTIAL)        1970             33           1163           4077          12163

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            2756          33957          13453            130           4270
         RESIDUAL OIL                 41           1171            134              2             10
         DISTILLATE OIL                0              2              4              0              1
         TOTAL (ELEC GEN)           2797          35130          13591            132           4281

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            226           2260            448              1             56
         RESIDUAL OIL
             POINT SOURCES           243           6059           1287             98             99
         DISTILLATE OIL
             AREA SOURCES             27            267            298              9             71
         NATURAL GAS
             AREA SOURCES             46              8          20383           7591           2712
             POINT SOURCES             1              0            242              2             24
         WOOD
             POINT SOURCES          3410             96           1372            960           4887
         TOTAL (INDUSTRIAL)
             AREA SOURCES            299           2535          21129           7601           2839
             POINT SOURCES          3654           6155           2901           1060           5010

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
             AREA SOURCES             15            210             50              1              3
         DISTILLATE OIL
             AREA SOURCES             15            236            165              2             39
         NATURAL GAS
             AREA SOURCES             18              2            678             35            135
         TOTAL (COMM-INST)
             AREA SOURCES             48            448            893             38            177

      TOTAL (EXTERNAL COMB)
             AREA SOURCES           2317           3016          23185          11716          15179
             POINT SOURCES          6451          41285          16492           1192           9291
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SELECT CARD = <04    020                                                                45>
STATE 04 COUNTY 1020 NOT FOUND IN POINT FILE
STATE 04 COUNTY 1380 NOT FOUND IN POINT FILE
STATE 04 COUNTY 1400 NOT FOUND IN POINT FILE
STATE 04 COUNTY 1720 NOT FOUND IN POINT FILE
STATE 04 COUNTY 2440 NOT FOUND IN POINT FILE
STATE 04 COUNTY 2760 NOT FOUND IN POINT FILE
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METAL FABRICATION	823	3	1	233	0
TEXTILE MANUFACTURING	62	0	27	234	2
OTHER/NOT CLASSIFIED	1669	1271	6028	4188	6636
TOTAL (INDUSTRIAL)	91803	189093	115400	392827	253899
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	21	7	8	8	98
OPEN BURNING	733	45	275	1517	3905
OTHER INCINERATION	45	5	208	22	0
TOTAL (GOVERNMENT)	799	57	491	1547	4003
RESIDENTIAL (AREA)					
ON SITE INCINERATION	22284	348	698	62678	188037
OPEN BURNING	8155	302	2088	10995	34889
TOTAL (RESIDENTIAL)	30439	650	2786	73673	222926
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	198	61	92	118	281
POINT SOURCES	110	15	132	114	467
OPEN BURNING					
AREA SOURCES	51	1	17	95	252
TOTAL (COMM-INST)					
AREA SOURCES	249	62	109	213	533
POINT SOURCES	110	15	132	114	467
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	148	26	26	135	213
POINT SOURCES	3412	85	972	3536	37814
OPEN BURNING					
AREA SOURCES	283	8	102	487	1707
POINT SOURCES	994	47	106	1879	6139
TOTAL (INDUSTRIAL)					
AREA SOURCES	431	34	128	622	1920
POINT SOURCES	4406	132	1078	5415	43953
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	31119	746	3023	74508	225379
POINT SOURCES	5315	204	1701	7076	48423
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	593800	16987	324634	505270	4707189
LIGHT DUTY TRUCKS	152924	6260	109117	162232	1354931
HEAVY DUTY VEHICLES	23303	1539	41032	46003	968719
OFF HIGHWAY	1392	745	15460	41135	519994
TOTAL (GASOLINE)	771419	25531	490243	754640	7550833
DIESEL					
HEAVY DUTY VEHICLES	58720	21811	179685	32220	100422
OFF HIGHWAY	12666	9917	119265	18165	36044
RAIL	4157	9476	61504	14936	21610

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                                                                                                   *** I10 ***
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:05 CALIFORNIA      AQCR:026 NORTH COAST                 AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              19               9               0               3
         NATURAL GAS                  12               2             406              21              81
         WOOD                      15988             169            1261           33197           98667
         TOTAL (RESIDENTIAL)       16000             190            1676           33218           98751

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 87             194              69               1               3
         NATURAL GAS                  48               2            1604               8              67
         TOTAL (ELEC GEN)            135             196            1673               9              70

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             18              62              30               0               3
         RESIDUAL OIL
             POINT SOURCES            87            1499   41[illegible]               3              57
         DISTILLATE OIL
             POINT SOURCES             1              34               9               0               2
         NATURAL GAS
             AREA SOURCES              0               0             162              63              21
             POINT SOURCES             1               0             215               0              29
         WOOD
             POINT SOURCES          2423              19            1034            1598            4008
         TOTAL (INDUSTRIAL)
             AREA SOURCES             18              62             192              63              24
             POINT SOURCES          2512            1552            1677            1601            4096

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
             AREA SOURCES             26              65              75               0               7
         DISTILLATE OIL
             POINT SOURCES             1              27              10               0               3
         NATURAL GAS
             AREA SOURCES              1               0              58               2              12
         WOOD
             POINT SOURCES            27               0              14              29              73
         TOTAL (COMM-INST)
             AREA SOURCES             27              65             133               2              19
             POINT SOURCES            28              27              24              29              76

   TOTAL (EXTERNAL COMB)
```

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*** I11 ***
***********                                                                                                    *** I11 ***
    AREA SOURCES                         100308          8120          58449          102203          596267
    POINT SOURCES                         16169         24028          34992           31175            2654
    TOTAL                                116477         32148          93441          133378          598921
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SELECT CARD = <05    033                                                    45>
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:06 COLORADO        AQCR:034 COMANCHE                          AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX             NOX              VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             4               6               0               1              19
         DISTILLATE OIL              0               1               0               0               0
         NATURAL GAS                 2               0             116               6              24
         WOOD                      277               3              22             576            1712
         TOTAL (RESIDENTIAL)       283              10             138             583            1755
      ELEC GENERATION (POINT)

         RESIDUAL OIL                0               2               3               0               0
         NATURAL GAS                 3               0             439               1              32
         TOTAL (ELEC GEN)            3               2             442               1              32
      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES             0               1               0               0     [illegible]
         DISTILLATE OIL
            AREA SOURCES             0              12               8               0               1
         NATURAL GAS
            AREA SOURCES             0               0             207              75              29
            POINT SOURCES            0               0              11               0               3
         COKE
            POINT SOURCES           19              17              11               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             0              13             215              75              30
            POINT SOURCES           19              17              22               0               3
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             4              13               5               0               0
         BITUMINOUS COAL
            AREA SOURCES           118             271              91               4              54
         RESIDUAL OIL
            POINT SOURCES            1               7              12               0               1
         DISTILLATE OIL
            POINT SOURCES            0               8               2               0               0
         NATURAL GAS
            POINT SOURCES            2               0             241               3              34
         TOTAL (COMM-INST)
            AREA SOURCES           122             284              96               4              54
            POINT SOURCES            3              15             255               3              35
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5913        244       4229       9694     120094
         LIGHT DUTY TRUCKS            2635        150       2259       4446      56887
         HEAVY DUTY VEHICLES           505         47       1064       2132      42350
         OFF HIGHWAY                    18         11        208        557       7032
         TOTAL (GASOLINE)             9071        452       7760      16829     226363

      DIESEL

         HEAVY DUTY VEHICLES          1109        522       2453       1197       2922
         OFF HIGHWAY                   428        337       4053        617       1225
         RAIL                          102        231       1499        364        525
         TOTAL (DIESEL)               1639       1090       8005       2178       4672

   AIRCRAFT

      CIVIL                              7          3         33        105       2086
      TOTAL (AIRCRAFT)                   7          3         33        105       2086

   VESSELS

      GASOLINE                           0          4         30        670       2386
      TOTAL (VESSELS)                    0          4         30        670       2386

   TOTAL (TRANSPORTATION)            10717       1549      15828      19782     235507

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    117          1         28        132        966
   FOREST MANAGED BURNING             1247         10        249        892       6980
   STRUCTURAL FIRES                     69          0          6         51        279
   GASOLINE STA EVAP LOSS                0          0          0       1469          0
   SOLVENT EVAPORATION LOSS              0          0          0       4512          0
   UNPAVED ROADS                    201155          0          0          0          0
   UNPAVED AIRSTRIPS                   103          0          0          0          0
   TOTAL (MISCELLANEOUS)            202691         11        283       7056       8225

GRAND TOTAL
***********

   AREA SOURCES                     214026       1756      18372      28599     247679

   POINT SOURCES                     16026      11302      11016        333        945

   TOTAL                            230052      13058      29388      28932     248624
```

POINT SOURCES	3	0	156	2	34
TOTAL (COMM-INST)					
AREA SOURCES	231	2011	2258	71	499
POINT SOURCES	172	2326	1734	34	188
TOTAL (EXTERNAL COMB)					
AREA SOURCES	16102	10551	11816	31681	95507
POINT SOURCES	2098	37253	32611	353	2610
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	13	16	190	13	40
OTHER	4	5	57	6	13
TOTAL (ELEC GEN)	17	19	247	17	53
INDUSTRIAL FUEL					
DISTILLATE OIL	2	2	32	2	7
NATURAL GAS	3	0	62	1	24
DIESEL FUEL	4	2	65	2	17
TOTAL (INDUSTRIAL)	9	4	159	5	48
ENGINE-TESTING					
TOTAL (ENG TESTNG)	141	142	180	495	380
TOTAL (INTERNAL COMB)	167	165	586	517	481
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	16102	10551	11816	31681	95507
POINT SOURCES	2265	37418	33197	870	3091
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	230	1	17	1602	245
FOOD/AGRICULTURAL	4	0	0	209	0
PRIMARY METAL	29	0	4	0	938
SECONDARY METALS	508	40	4	22	234
MINERAL PRODUCTS	1720	125	173	140	132
WOOD PRODUCTS	34	0	0	0	0
ORGANIC SOLVENT EVAPORATION	1	0	0	19699	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1433	0
METAL FABRICATION	61	0	0	5	0
TEXTILE MANUFACTURING	24	0	0	1406	0
OTHER/NOT CLASSIFIED	23	5	19	881	60
TOTAL (INDUSTRIAL)	2634	171	217	25197	1589
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	472	255	307	153	3573
OTHER INCINERATION	655	50	259	43	0
TOTAL (GOVERNMENT)	1127	305	566	196	3573
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1132	18	35	3185	9554
OPEN BURNING	1768	66	453	2384	7567
TOTAL (RESIDENTIAL)	2900	84	488	5569	17121

```
*********************                                                                   *** I16 ***
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        18791        611       13296       18610       199979
            LIGHT DUTY TRUCKS           1955         86        1747        2389        22899
            HEAVY DUTY VEHICLES          428         31         966        1369        21311
            OFF HIGHWAY                   49         26         548        1458        18430
            TOTAL (GASOLINE)           21223        754       16557       23826       262619

        DIESEL

            HEAVY DUTY VEHICLES         1005        400        3680         548         1699
            OFF HIGHWAY                   80         62         751         114          227
            RAIL                           3          8          50          12           18
            TOTAL (DIESEL)              1088        470        4481         674         1944

    AIRCRAFT

        MILITARY                          11          1           5          13           26
        CIVIL                              5          3          22          69         1383
        COMMERCIAL                         3          6          63          56          174
        TOTAL (AIRCRAFT)                  19         10          90         138         1583

    VESSELS

        GASOLINE                           0          6          34         753         2685
        TOTAL (VESSELS)                    0          6          34         753         2685

    TOTAL (TRANSPORTATION)             22330       1240       21162       25391       268831

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1          0           0           2           11
    STRUCTURAL FIRES                     227          0          21         170          923
    GASOLINE STA EVAP LOSS                 0          0           0        3313            0
    SOLVENT EVAPORATION LOSS               0          0           0       15348            0
    UNPAVED ROADS                         59          0           0           0            0
    TOTAL (MISCELLANEOUS)                287          0          21       18833          934

GRAND TOTAL
***********

    AREA SOURCES                       22898       4022       24102       44339       270450

    POINT SOURCES                       1192      12557       10605        2662         4493

    TOTAL                              24090      16579       34707       47001       274943
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          NATURAL GAS
               AREA SOURCES                2          0         45          2          9
               POINT SOURCES               0          0          2          0          1
          TOTAL (COMM-INST)
               AREA SOURCES              151       1749        512         10         60
               POINT SOURCES              76       1036        244          4         28
       TOTAL (EXTERNAL COMB)
               AREA SOURCES             2457       2051       1083       4747      14202
               POINT SOURCES            2914      68453      35403         95        821
    TOTAL (FUEL COMBUSTION)

               AREA SOURCES             2457       2051       1083       4747      14202
               POINT SOURCES            2914      68453      35403         95        821
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                11
    FOOD/AGRICULTURAL                    240          0          0        460          0
    MINERAL PRODUCTS                      26          0          0          0          0
    WOOD PRODUCTS                        101          2          1          2          1
    PETROLEUM STORAGE/TRANSPORT            0          0          0         26          0
    METAL FABRICATION                      0          0          7         43          0
    TEXTILE MANUFACTURING                  0          0          0         86          0
    OTHER/NOT CLASSIFIED                   0          0          0         37          0
    TOTAL (INDUSTRIAL)                   376          0          0          8          0
                                                      2          8        662          1
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           281         23         28         16        327
        TOTAL (GOVERNMENT)               281         23         28         14        327
    RESIDENTIAL (AREA)

        ON SITE INCINERATION               8          0          0         22         68
        OPEN BURNING                     678         25        174        915       2902
        TOTAL (RESIDENTIAL)              686         25        174        937       2970
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES               18          6          8         10         24
               POINT SOURCES               1          0          1          0          1
        TOTAL (COMM-INST)
               AREA SOURCES               18          6          8         10         24
               POINT SOURCES               1          0          1          0          1
    INDUSTRIAL

        ON SITE INCINERATION
               AREA SOURCES               11          3          3         10         15
        TOTAL (INDUSTRIAL)
               AREA SOURCES               11          3          3         10         15
    TOTAL (SOLID WASTE DISP)
               AREA SOURCES              715         34        185        957       3009
               POINT SOURCES             282         23         29         14        328
RANSPORTATION (AREA)
********************
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SELECT CARD = <10    005                                                                        45>
STATE 10 COUNTY 0460 NOT FOUND IN POINT FILE
STATE 10 COUNTY 1860 NOT FOUND IN POINT FILE
STATE 10 COUNTY 4680 NOT FOUND IN POINT FILE
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@ADD,ELP TPF$.CARDS
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*** J02 *** *** J02 ***

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2252	140	3048	3034	26658
LIGHT DUTY TRUCKS	751	66	1318	1262	9522
HEAVY DUTY VEHICLES	185	24	745	618	10002
OFF HIGHWAY	11	5	122	321	4074
TOTAL (GASOLINE)	3199	235	5233	5235	50256
DIESEL					
HEAVY DUTY VEHICLES	778	437	3900	408	1217
OFF HIGHWAY	109	85	1027	156	310
RAIL	114	261	1690	410	593
TOTAL (DIESEL)	1001	783	6617	974	2120
AIRCRAFT					
MILITARY	106	7	54	124	256
CIVIL	0	0	2	9	190
TOTAL (AIRCRAFT)	106	7	56	133	446
VESSELS					
DIESEL FUEL	109	140	1041	261	366
GASOLINE	0	7	40	887	3163
TOTAL (VESSELS)	109	147	1081	1148	3529
TOTAL (TRANSPORTATION)	4415	1172	12987	7490	56351
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1415	12	333	1598	11650
FOREST MANAGED BURNING	3114	24	623	2228	17450
AGRICULTURAL BURNING	305	0	43	282	2029
STRUCTURAL FIRES	61	0	4	43	240
GASOLINE STA EVAP LOSS	0	0	0	826	0
SOLVENT EVAPORATION LOSS	0	0	0	2861	0
UNPAVED ROADS	20417	0	0	0	0
TOTAL (MISCELLANEOUS)	25312	36	1003	7838	31369
GRAND TOTAL ***********					
AREA SOURCES	33611	4020	17650	23360	109493
POINT SOURCES	10135	33205	15932	670	33551
TOTAL	43746	37225	33582	24030	143044

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*** J03 ***
                                                                                              *** J03 ***
                              NATIONAL EMISSIONS DATA SYSTEM
                              ******************************
                              ENVIRONMENTAL PROTECTION AGENCY
                              *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                       RUN DATE:  MONDAY  NOVEMBER 28, 1983
STATE:01 ALABAMA      AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-S   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                              PARTICULATES      SOX          NOX          VOC          CO
                              ************  ************ ************ ************ ************
                               TONS / YR     TONS / YR    TONS / YR    TONS / YR    TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            1             7            0            1            9
         DISTILLATE OIL             0             6            3            0            1
         NATURAL GAS               10             1          318           16           64
         WOOD                     762             8           60         1582         4701
         TOTAL (RESIDENTIAL)      773            22          381         1599         4775
      ELEC GENERATION (POINT)

         BITUMINOUS COAL          718         69588        49727          102          878
         DISTILLATE OIL             0            13            7            0            1
         NATURAL GAS                0             1          484            1           35
         TOTAL (ELEC GEN)         718         69602        50218          103          914
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES          559          5556         1105            3          143
            POINT SOURCES         492          2590            0            0            0
         RESIDUAL OIL
            POINT SOURCES         399         11135         2469           12          225
         DISTILLATE OIL
            POINT SOURCES          22           216          214            2           53
         NATURAL GAS
            AREA SOURCES           16             3         5885         2127          776
            POINT SOURCES          53             9         2387           12          236
         PROCESS GAS
            POINT SOURCES           0             8            8            0            2
         WOOD
            POINT SOURCES        2156          1537          769          872         2051
         LIQUID PETROL GAS
            POINT SOURCES           0             0           13            0            3
         TOTAL (INDUSTRIAL)
            AREA SOURCES          575          5559         6990         2130          919
            POINT SOURCES        3122         15495         5860          898         2570
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            6            19            7            0            0
         BITUMINOUS COAL
            AREA SOURCES           24           155           20            1           12
         DISTILLATE OIL
```

```
    AREA SOURCES                     591184         3402         26654         33430         195897
    POINT SOURCES                      5686         7364         39363         13511          14980
    TOTAL                            596870        10766         66017         46941         210877
```

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*** J05 ***
      ELECTRIC GENERATION                                                                                  *** J05 ***

         DISTILLATE OIL                    96          92          1378          95          300
         TOTAL (ELEC GEN)                  96          92          1378          95          300

      TOTAL (INTERNAL COMB)                96          92          1378          95          300

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                  179         369           567         331         1072
            POINT SOURCES                 221        1984          1935         333          921

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                        3           3             0           3            1
    WOOD PRODUCTS                         308          10           159           0         4904
    PETROLEUM STORAGE/TRANSPORT             0           0             0         156            0
    TOTAL (INDUSTRIAL)                    311          13           159         159         4905

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                80           0             2         227          683
       OPEN BURNING                        30           0             6          40          128
       TOTAL (RESIDENTIAL)                110           0             8         267          811

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             POINT SOURCES                  7           0             1           3            5
       TOTAL (COMM-INST)
             POINT SOURCES                  7           0             1           3            5

    INDUSTRIAL

       ON SITE INCINERATION
             POINT SOURCES                 42           0            63          20          111
       OPEN BURNING
             AREA SOURCES                   8           0             4          12           40
       TOTAL (INDUSTRIAL)
             AREA SOURCES                   8           0             4          12           40
             POINT SOURCES                 42           0            63          20          111

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES                 118           0            12         279          851
             POINT SOURCES                 49           0            64          23          116

TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              585          20           460         660         7278
         LIGHT DUTY TRUCKS                416          20           443         621         6075
         HEAVY DUTY VEHICLES               32           2            80         106         1655
         OFF HIGHWAY                        3           1            35          92         1161
         TOTAL (GASOLINE)                1036          43          1018        1479        16169

      DIESEL

         HEAVY DUTY VEHICLES               37          15           141          19           62
```

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*** J06 ***                                                                                  *** J06 ***
SELECT CARD = <03    014                                                      45>
```

TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2317	3016	23185	11716	15179
POINT SOURCES	6451	41285	16492	1192	9291
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	0	1225	0	393	0
FOOD/AGRICULTURAL	2569	0	0	245	0
PRIMARY METAL	9075	15936	0	0	99979
SECONDARY METALS	4	0	96	39	0
MINERAL PRODUCTS	7027	201	2	5	3
WOOD PRODUCTS	4099	4609	1184	762	13580
ORGANIC SOLVENT EVAPORATION	0	0	0	88	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	702	0
OTHER/NOT CLASSIFIED	3	0	0	0	0
TOTAL (INDUSTRIAL)	22777	21971	1282	2234	113562
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	210	1	4	587	1767
OPEN BURNING	1608	60	410	2168	6877
TOTAL (RESIDENTIAL)	1818	61	414	2755	8644
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	48	11	24	29	69
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	49	11	24	31	73
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	23	2	2	22	40
POINT SOURCES	67	1	10	106	1251
OPEN BURNING					
AREA SOURCES	10	0	4	16	55
TOTAL (INDUSTRIAL)					
AREA SOURCES	33	2	6	38	95
POINT SOURCES	67	1	10	106	1251
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1900	74	444	2824	8812
POINT SOURCES	67	1	10	106	1251
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	14805	547	11274	13876	141973
LIGHT DUTY TRUCKS	5730	309	6080	7220	63402
HEAVY DUTY VEHICLES	1012	81	2441	3184	50005
OFF HIGHWAY	41	22	470	1248	15791
TOTAL (GASOLINE)	21588	959	20265	25528	271171
DIESEL					

```
*** J08 ***                                                                                          *** J08 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:       MONDAY   NOVEMBER 28, 1983
STATE:04 ARKANSAS        AQCR:020 NORTHEAST ARKANSAS                AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0               6               5               0               1
         NATURAL GAS                  14               0             542              27             109
         WOOD                       3456              36             275            7179           21326
         TOTAL (RESIDENTIAL)        3470              42             822            7206           21436
      ELEC GENERATION (POINT)

         RESIDUAL OIL                185            3651            1075              10              52
         NATURAL GAS                  26               5            4720              12             343
         TOTAL (ELEC GEN)            211            3656            5795              22             395
      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             62             626             123               0              14
             POINT SOURCES           720            1651             995               3            4324
         RESIDUAL OIL
             POINT SOURCES             8            1008               0               0               0
         DISTILLATE OIL
             AREA SOURCES             11             117             132               3              32
             POINT SOURCES             0               0               1               0               0
         NATURAL GAS
             AREA SOURCES              7               0            3430            1274             457
             POINT SOURCES            13               1             536               1              39
         WOOD
             POINT SOURCES            63               1              13              15              35
         OTHER
             POINT SOURCES           169             113               0               0               0
         TOTAL (INDUSTRIAL)
             AREA SOURCES             80             743            3685            1277             503
             POINT SOURCES           973            2774            1545              19            4398
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
             AREA SOURCES              3              79              18               0               0
         DISTILLATE OIL
             AREA SOURCES              3              86              59               0              13
         NATURAL GAS
             AREA SOURCES              6               0             257              13              51
         TOTAL (COMM-INST)
             AREA SOURCES             12             165             334              13              64
```

```
*** J09 ***
        TOTAL (DIESEL)                75543        41204        360454        65321        158076   *** J09 ***
    AIRCRAFT

        MILITARY                       8982          581          4614        10567         21823
        CIVIL                           210          121           945         2913         58353
        COMMERCIAL                      323          751          7780         6896         21422
        TOTAL (AIRCRAFT)               9515         1453         13339        20376        101598

    VESSELS

        DIESEL FUEL                    1114         1390         10396         2600          3637
        RESIDUAL OIL                   3976        52413          8613          515           288
        GASOLINE                          0          215          1210        26604         94825
        TOTAL (VESSELS)                5090        54018         20219        29719         98750

    TOTAL (TRANSPORTATION)           861567       122206        884255       870056       7909257

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  48006          423         11295        54220        395342
    FOREST MANAGED BURNING            29908          223          5984        21380        167467
    AGRICULTURAL BURNING              12284            0          1741        11328         81640
    STRUCTURAL FIRES                   5725            0           537         4285         23296
    GASOLINE STA EVAP LOSS                0            0             0       103012             0
    SOLVENT EVAPORATION LOSS              0            0             0       338949             0
    UNPAVED ROADS                    462753            0             0            0             0
    UNPAVED AIRSTRIPS                  1582            0             0            0             0
    TOTAL (MISCELLANEOUS)            560258          646         19557       533174        667745
GRAND TOTAL
***********

    AREA SOURCES                    1508108       146511        987806      1588719       9104886

    POINT SOURCES                    134032       395206        495647       428498        357134

    TOTAL                           1642140       541717       1483453      2017217       9462020
```

*** J10 *** *** J10 ***

AREA SOURCES	16045	317	2001	33283	98794
POINT SOURCES	2675	1775	3374	1639	4242
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
DISTILLATE OIL	17	16	235	16	51
DIESEL FUEL	1	0	8	1	3
TOTAL (INDUSTRIAL)	18	16	243	17	54
TOTAL (INTERNAL COMB)	18	16	243	17	54
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	16045	317	2001	33283	98794
POINT SOURCES	2693	1791	3617	1656	4296
INDUSTRIAL PROCESS (POINT) ************************					
MINERAL PRODUCTS	148	21	9	34	13
WOOD PRODUCTS	3029	1221	576	844	3381
ORGANIC SOLVENT EVAPORATION	0	0	0	1	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1139	0
TOTAL (INDUSTRIAL)	3177	1242	585	2018	3394
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	7	6	7	4	82
OPEN BURNING	27	1	10	55	144
TOTAL (GOVERNMENT)	34	7	17	59	226
RESIDENTIAL (AREA)					
ON SITE INCINERATION	252	4	8	712	2136
OPEN BURNING	96	4	25	128	410
TOTAL (RESIDENTIAL)	348	8	33	840	2546
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	0	0	0	0	2
POINT SOURCES	9	0	1	12	132
TOTAL (COMM-INST)					
AREA SOURCES	0	0	0	0	2
POINT SOURCES	9	0	1	12	132
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	3	0	0	3	6
POINT SOURCES	1483	9	348	1164	12336
OPEN BURNING					
AREA SOURCES	4	0	2	6	20
POINT SOURCES	925	47	100	1844	5992
TOTAL (INDUSTRIAL)					
AREA SOURCES	7	0	2	9	26
POINT SOURCES	2408	56	448	3008	18328
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	355	8	35	849	2574
POINT SOURCES	2451	63	466	3079	18686

```
*** J11 ***                                                                                    *** J11 ***
SELECT CARD = <05    030                                                          45>
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:05 CALIFORNIA AQCR:033 SOUTHEAST DESERT

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
NATURAL GAS	1	0	33	2	7
WOOD	80	1	6	166	492
TOTAL (RESIDENTIAL)	81	1	39	168	499
ELEC GENERATION (POINT)					
RESIDUAL OIL	151	368	161	16	12
DISTILLATE OIL	0	1	1	0	0
NATURAL GAS	42	4	3427	36	118
TOTAL (ELEC GEN)	193	373	3589	52	130
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	13	43	21	0	3
POINT SOURCES	0	382	144	2	1
RESIDUAL OIL					
POINT SOURCES	22	169	108	4	5
DISTILLATE OIL					
POINT SOURCES	1	67	15	0	4
NATURAL GAS					
AREA SOURCES	0	0	60	23	8
POINT SOURCES	68	19	4335	90	328
LIQUID PETROL GAS					
POINT SOURCES	0	0	3	0	0
OTHER					
POINT SOURCES	2	35	2	1	4
TOTAL (INDUSTRIAL)					
AREA SOURCES	13	43	81	23	11
POINT SOURCES	93	672	4607	97	342
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	6	14	17	0	2
POINT SOURCES	13	124	34	0	3
DISTILLATE OIL					
POINT SOURCES	0	12	4	0	0
NATURAL GAS					
AREA SOURCES	1	0	20	1	4
POINT SOURCES	10	1	269	5	50
OTHER					
POINT SOURCES	0	0	18	0	0

```
        TOTAL (EXTERNAL COMB)
                  AREA SOURCES          405        307        449        662       1839
                 POINT SOURCES           25         34        719          4         70
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                1         28         20          1          5
            NATURAL GAS                   3          0        278          8         48
            TOTAL (ELEC GEN)              4         28        298          9         53
        INDUSTRIAL FUEL

            NATURAL GAS                  13          0       1372        101        536
            TOTAL (INDUSTRIAL)           13          0       1372        101        536

        TOTAL (INTERNAL COMB)            17         28       1670        110        589

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES          405        307        449        662       1839
                 POINT SOURCES           42         62       2389        114        659
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                   352          0          0          0          0
    SECONDARY METALS                     28          0          0          0          0
    MINERAL PRODUCTS                    288          8          5          8          4
    PETROLEUM STORAGE/TRANSPORT           0          0          0         28          0
    TOTAL (INDUSTRIAL)                  668          8          5         36          4
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             80          0          1        222        668
        OPEN BURNING                     84          1         21        112        356
        TOTAL (RESIDENTIAL)             164          1         22        334       1024
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES            0          0          0          0          1
        TOTAL (COMM-INST)
                  AREA SOURCES            0          0          0          0          1

    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES          164          1         22        334       1025
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         955         55       1009       2011      23582
            LIGHT DUTY TRUCKS           562         45        701       1116      13711
            HEAVY DUTY VEHICLES         149         19        406        669      13460
            OFF HIGHWAY                   2          1         41        115       1443
            TOTAL (GASOLINE)           1668        120       2155       3911      52196
        DIESEL
```

```
*** J16 ***
                                                                                                                    *** J16 ***
SELECT CARD = <06    038                                                            65>
STATE 06 COUNTY 0520 NOT FOUND IN POINT FILE
STATE 06 COUNTY 1740 NOT FOUND IN POINT FILE
STATE 06 COUNTY 2120 NOT FOUND IN POINT FILE
```

```
   COMMERCIAL-INSTITUTIONAL                                                                                   *** J15 ***

        ON SITE INCINERATION
                AREA SOURCES                  9             2             4             5            12
                POINT SOURCES                45            22            28            47           101
        TOTAL (COMM-INST)
                AREA SOURCES                  9             2             4             5            12
                POINT SOURCES                45            22            28            47           101
    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               165            56           139            76           194
        TOTAL (INDUSTRIAL)
                POINT SOURCES               165            56           139            76           194

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               2909            86           492          5576         17133
                POINT SOURCES              1317           383           733           319          3866
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           65907          2359         52059         68877        722093
            LIGHT DUTY TRUCKS              9062           461          9498         11961        110212
            HEAVY DUTY VEHICLES            1820           141          4458          5888         92028
            OFF HIGHWAY                     169            91          1892          5027         63544
            TOTAL (GASOLINE)              76958          3052         67907         91753        987877
        DIESEL

            HEAVY DUTY VEHICLES            4752          1948         17853          2585          7989
            OFF HIGHWAY                     356           277          3350           509          1013
            RAIL                             13            29           192            47            69
            TOTAL (DIESEL)                 5121          2254         21395          3141          9071
    AIRCRAFT

        MILITARY                             88             6            65           105           215
        CIVIL                                16            10            72           226          4503
        COMMERCIAL                           38            85           869           789          2451
        TOTAL (AIRCRAFT)                    142           101          1006          1120          7169
    VESSELS

        DIESEL FUEL                           6             6            40            10            14
        GASOLINE                              0            27           146          3218         11671
        TOTAL (VESSELS)                       6            33           186          3228         11685

    TOTAL (TRANSPORTATION)                82225          5460         90696         99262       1015602
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        398             3            93           449          3272
    STRUCTURAL FIRES                        908             0            85           679          3693
    GASOLINE STA EVAP LOSS                    0             0             0         12307             0
    SOLVENT EVAPORATION LOSS                  0             0             0         55258             0
    UNPAVED ROADS                          1351             0             0             0             0
    UNPAVED AIRSTRIPS                         3             0             0             0             0
    TOTAL (MISCELLANEOUS)                  2660             3           178         68693          6965
```

```
*** J16 ***
                                                                                                  *** J16 ***
SELECT CARD = <07    044                                                         65>
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2065	179	3915	3301	26616
LIGHT DUTY TRUCKS	570	66	1351	1117	7882
HEAVY DUTY VEHICLES	154	23	799	561	9225
OFF HIGHWAY	16	8	179	475	6010
TOTAL (GASOLINE)	2805	276	6244	5456	49733
DIESEL					
HEAVY DUTY VEHICLES	421	257	2278	218	643
OFF HIGHWAY	75	58	707	108	213
RAIL	4	8	54	13	19
TOTAL (DIESEL)	500	323	3039	339	875
AIRCRAFT					
MILITARY	231	15	118	271	560
CIVIL	2	1	7	23	463
TOTAL (AIRCRAFT)	233	16	125	294	1023
VESSELS					
DIESEL FUEL	2	2	14	4	4
GASOLINE	0	8	48	1053	3754
TOTAL (VESSELS)	2	10	62	1057	3758
TOTAL (TRANSPORTATION)	3540	625	9470	7146	55389
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	693	6	163	783	5710
FOREST MANAGED BURNING	18	0	3	1	100
AGRICULTURAL BURNING	12	0	1	11	80
STRUCTURAL FIRES	46	0	4	35	188
GASOLINE STA EVAP LOSS	0	0	0	807	0
SOLVENT EVAPORATION LOSS	0	0	0	3041	0
UNPAVED ROADS	6705	0	0	0	0
TOTAL (MISCELLANEOUS)	7474	6	171	4690	6078
GRAND TOTAL					
***********					
AREA SOURCES	14186	2716	10909	17538	78678
POINT SOURCES	3572	68478	35460	771	1150
TOTAL	17758	71194	46369	18309	79828

```
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:10 FLORIDA        AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-S       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTEPNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            1              5              0              0              6
         DISTILLATE OIL             0              7              5              0              1
         NATURAL GAS                9              1            341             16             67
         WOOD                    4272             46            337           8869          26358
         TOTAL (RESIDENTIAL)     4282             59            683           8885          26432
      ELEC GENERATION (POINT)

         BITUMINOUS COAL         1776         128297          32166            107            919
         RESIDUAL OIL               7             90             26              0              2
         DISTILLATE OIL             0              8              3              0              1
         NATURAL GAS                1              0            366              1             27
         TOTAL (ELEC GEN)        1784         128395          32539            108            969
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           0              0            464              2             13
         RESIDUAL OIL
            POINT SOURCES        3607          14111           2866             15            260
         DISTILLATE OIL
            POINT SOURCES           4            391             28              0              6
         NATURAL GAS
            AREA SOURCES            0              0            158             60             22
            POINT SOURCES         345             10           4957             25            423
         WOOD
            POINT SOURCES         968             24            361            409            962
         TOTAL (INDUSTRIAL)
            AREA SOURCES            0              0            158             60             22
            POINT SOURCES        4924          14536           8676            451           1664
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            0              1              0              0              0
         RESIDUAL OIL
            POINT SOURCES        1003            470             82              2              7
         DISTILLATE OIL
            AREA SOURCES            5             77             53              0             13
            POINT SOURCES           1             12              6              0              2
         NATURAL GAS
            POINT SOURCES          27              6           2494             24            317
         TOTAL (COMM-INST)
```

```
SELECT CARD = <
INVALID SCC CODE <54000000000000000000000>                                            50>
```

```
*** K02 ***                                                                                          *** K02 ***

SELECT CARD = <01     002                                                              45>
STATE 01 COUNTY 0520 NOT FOUND IN POINT FILE
```

```
*** K03 ***                                                                                   *** K03 ***
                  AREA SOURCES              8          111           77            1           19
          NATURAL GAS
                  AREA SOURCES              6            1          182            9           37
          TOTAL (COMM-INST)
                  AREA SOURCES             44          286          286           11           68

      TOTAL (EXTERNAL COMB)
                  AREA SOURCES           1392         5867         7657         3740         5762
                  POINT SOURCES          3840        85097        56078         1001         3484
   TOTAL (FUEL COMBUSTION)

                  AREA SOURCES           1392         5867         7657         3740         5762
                  POINT SOURCES          3840        85097        56078         1001         3484
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 353        26140           92         1018           29
   FOOD/AGRICULTURAL                      168            0            0            0            0
   PRIMARY METAL                         3677            0            0            0            0
   SECONDARY METALS                       122            2            1            0          259
   MINERAL PRODUCTS                       299           15            8           56          240
   PETROLEUM INDUSTRY                      68         5174          340           44           67
   WOOD PRODUCTS                         2196         1710          786            0        14072
   PETROLEUM STORAGE/TRANSPORT              0            0            0         1151            0
   OTHER/NOT CLASSIFIED                   131          397            0           17            0
   TOTAL (INDUSTRIAL)                    7014        33438         1227         2286        14667
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                265            4            8          746         2239
      OPEN BURNING                        770           28          197         1037         3294
      TOTAL (RESIDENTIAL)                1035           32          205         1783         5533
   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
               AREA SOURCES                 8            0            3           14           39
      TOTAL (COMM-INST)
               AREA SOURCES                 8            0            3           14           39
   INDUSTRIAL

      OPEN BURNING
               AREA SOURCES                15            0            6           24           85
      TOTAL (INDUSTRIAL)
               AREA SOURCES                15            0            6           24           85
   TOTAL (SOLID WASTE DISP)
               AREA SOURCES              1058           32          214         1821         5657
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             8251          309         6587         8333        83338
         LIGHT DUTY TRUCKS               2071          111         2202         2681        23251
         HEAVY DUTY VEHICLES              468           39         1178         1437        22742
         OFF HIGHWAY                       24           13          268          714         9024
```

```
SELECT CARD = <02     008                                                                          45>
STATE 02 COUNTY 0380 NOT FOUND IN POINT FILE
```

```
*** K05 ***                                                                                       *** K05 ***
          OFF HIGHWAY                    28          23         270          42          80
          RAIL                            9          20         124          30          45
          TOTAL (DIESEL)                 74          58         535          91         187
    AIRCRAFT

       MILITARY                           5           0           3           6          12
       CIVIL                              3           2          16          53        1070
       COMMERCIAL                        10          22         233         207         642
       TOTAL (AIRCRAFT)                  18          24         252         266        1724
    VESSELS

       DIESEL FUEL                      195         244        1821         456         637
       GASOLINE                           0           1           9         200         712
       TOTAL (VESSELS)                  195         245        1830         656        1349

    TOTAL (TRANSPORTATION)             1323         370        3635        2492       19429

MISCELLANEOUS (AREA)
********************

    FOREST MANAGED BURNING              407           3          82         291        2277
    STRUCTURAL FIRES                     10           0           0           7          43
    GASOLINE STA EVAP LOSS                0           0           0         361           0
    SOLVENT EVAPORATION LOSS              0           0           0         458           0
    UNPAVED ROADS                     44059           0           0           0           0
    UNPAVED AIRSTRIPS                    22           0           0           0           0
    TOTAL (MISCELLANEOUS)             44498           3          82        1117        2320
GRAND TOTAL
***********

    AREA SOURCES                      46118         742        4296        4219       23672

    POINT SOURCES                       581        1997        2158         515        5942

    TOTAL                             46699        2739        6454        4734       29614
```

```
*** K06 ***                                                                                        *** K06 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:03 ARIZONA        AQCR:014 FOUR CORNERS                  AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES       SOX             NOX             VOC             CO
                            ************   ************    ************    ************    ************
                             TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                 5              0             181              10              35
         WOOD                     4034             42             319            8375           24892
         TOTAL (RESIDENTIAL)      4039             42             500            8385           24927
      ELEC GENERATION (POINT)

         BITUMINOUS COAL         10540          91472           59960             375            3221
         DISTILLATE OIL              0            152              45               0              16
         NATURAL GAS                 0              0              22               0               2
         TOTAL (ELEC GEN)        10540          91624           60027             375            3239
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           282           1546             769               3              98
         RESIDUAL OIL
            POINT SOURCES            8             51              31               1               3
         DISTILLATE OIL
            AREA SOURCES             7            108              80               3              19
            POINT SOURCES            0              4               1               0               0
         NATURAL GAS
            AREA SOURCES             4              0            2797            1112             381
            POINT SOURCES            0              0              39               0               5
         WOOD
            POINT SOURCES          322              6              65              76             153
         OTHER
            POINT SOURCES            0              0              11               1               2
         TOTAL (INDUSTRIAL)
            AREA SOURCES           293           1654            3646            1118             498
            POINT SOURCES          330             61             147              78             163
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES             1             15               3               0               0
         DISTILLATE OIL
            AREA SOURCES             0              7               3               0               0
            POINT SOURCES            0              1               0               0               0
         NATURAL GAS
            AREA SOURCES             1              0              32               1               7
            POINT SOURCES            0              0              18               1               3
         TOTAL (COMM-INST)
            AREA SOURCES             2             22              38               1               7
```

HEAVY DUTY VEHICLES	3302	1355	12408	1797	5548
OFF HIGHWAY	629	493	5910	900	1787
RAIL	541	1226	7968	1935	2800
TOTAL (DIESEL)	4472	3074	26286	4632	10135
AIRCRAFT					
MILITARY	463	30	238	546	1127
CIVIL	6	2	32	103	2051
COMMERCIAL	13	29	297	263	820
TOTAL (AIRCRAFT)	482	61	567	912	3998
VESSELS					
DIESEL FUEL	11	15	121	33	45
GASOLINE	0	32	193	4255	15167
TOTAL (VESSELS)	11	47	314	4288	15212
TOTAL (TRANSPORTATION)	26553	4141	47432	35360	300516
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1492	11	350	1688	12295
FOREST MANAGED BURNING	651	1	130	466	3651
STRUCTURAL FIRES	206	0	18	155	840
GASOLINE STA EVAP LOSS	0	0	0	4413	0
SOLVENT EVAPORATION LOSS	0	0	0	14182	0
UNPAVED ROADS	197893	0	0	0	0
TOTAL (MISCELLANEOUS)	200242	12	498	20904	16786
GRAND TOTAL ***********					
AREA SOURCES	231012	7243	71559	70804	341293
POINT SOURCES	29295	63257	17784	3532	124104
TOTAL	260307	70500	89343	74336	465397

```
*** K08 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES              3562          950          4841          8496          22003
                POINT SOURCES             1184         6430          7340            41           4793

     INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                     43            3          1488           360           1866
            TOTAL (INDUSTRIAL)              43            3          1488           360           1866

        TOTAL (INTERNAL COMB)               43            3          1488           360           1866

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES              3562          950          4841          8496          22003
                POINT SOURCES             1227         6433          8828           401           6659

  INDUSTRIAL PROCESS (POINT)
  **************************

     CHEMICAL MANUFACTURING                659            0          1351             2             12
     FOOD/AGRICULTURAL                    3890            0             0           154              0
     SECONDARY METALS                      136            0             0          2572              0
     MINERAL PRODUCTS                      190            0             0             0              0
     ORGANIC SOLVENT EVAPORATION             0            0             0           198              0
     OTHER/NOT CLASSIFIED                    0            0             0           759              0
     TOTAL (INDUSTRIAL)                   4875            0          1351          3685             12

  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION              137            0             1           382           1145
         OPEN BURNING                     1070           40           273          1441           4573
         TOTAL (RESIDENTIAL)              1207           40           274          1823           5718

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                AREA SOURCES                34            5            17            20             46
         TOTAL (COMM-INST)
                AREA SOURCES                34            5            17            20             46

     INDUSTRIAL

         ON SITE INCINERATION
                AREA SOURCES                17            0             0            17             34
         OPEN BURNING
                AREA SOURCES                 6            0             3             9             30
         TOTAL (INDUSTRIAL)
                AREA SOURCES                23            0             3            26             64

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES              1264           45           294          1869           5828

  TRANSPORTATION (AREA)
  ********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES          7314          334          7090          7871          76331
             LIGHT DUTY TRUCKS            3542          222          4363          4663          39446
```

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*** K09 ***                                                                                          *** K09 ***
SELECT CARD = <05    023                                                         45>
```

TRANSPORTATION (AREA)
****

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3919	195	3840	4996	39580
LIGHT DUTY TRUCKS	2369	160	2875	3713	25350
HEAVY DUTY VEHICLES	213	21	636	434	9804
OFF HIGHWAY	18	9	200	537	6778
TOTAL (GASOLINE)	6519	385	7551	9680	81512
DIESEL					
HEAVY DUTY VEHICLES	1197	574	4604	660	1950
OFF HIGHWAY	245	191	2294	349	693
RAIL	49	114	734	179	257
TOTAL (DIESEL)	1491	879	7632	1168	2900
AIRCRAFT					
MILITARY	2	0	1	3	6
CIVIL	10	7	46	145	2899
COMMERCIAL	3	8	80	71	220
TOTAL (AIRCRAFT)	15	15	127	219	3125
VESSELS					
DIESEL FUEL	21	27	198	49	70
RESIDUAL OIL	101	1337	220	13	7
GASOLINE	0	18	101	2226	7932
TOTAL (VESSELS)	122	1382	519	2288	8009
TOTAL (TRANSPORTATION)	8147	2661	15829	13355	95546

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	21676	192	5100	24682	178512
FOREST MANAGED BURNING	18310	139	3662	13090	102534
AGRICULTURAL BURNING	1	0	0	1	8
STRUCTURAL FIRES	66	0	6	48	263
GASOLINE STA EVAP LOSS	0	0	0	1422	0
SOLVENT EVAPORATION LOSS	0	0	0	2503	0
UNPAVED ROADS	7986	0	0	0	0
UNPAVED AIRSTRIPS	27	0	0	0	0
TOTAL (MISCELLANEOUS)	48066	331	8768	41546	281317

GRAND TOTAL
****

AREA SOURCES	72613	3317	26633	89033	478231
POINT SOURCES	8321	3096	4668	6753	26376
TOTAL	80934	6413	31301	95786	504607

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                                NATIONAL EMISSIONS DATA SYSTEM
                                ******************************

                                ENVIRONMENTAL PROTECTION AGENCY
                                *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                            RUN DATE:     MONDAY   NOVEMBER 28, 1983
STATE:05 CALIFORNIA     AQCR:030 SAN FRANCISCO BAY AREA    AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                           PARTICULATES        SOX             NOX             VOC             CO
                           ************    ************    ************    ************    ************
                            TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
UEL COMBUSTION
**************

  EXTERNAL COMBUSTION

     RESIDENTIAL FUEL (AREA)

        DISTILLATE OIL                1              37              14               0               4
        NATURAL GAS                 222              45            7443             395            1488
        WOOD                       3381              36             267            7018           20859
        TOTAL (RESIDENTIAL)        3604             118            7724            7413           22351
     ELEC GENERATION (POINT)

        RESIDUAL OIL               1711            8394            7306             170             411
        NATURAL GAS                 608              46           42286             212            2238
        TOTAL (ELEC GEN)           2319            8440           49592             382            2649
     INDUSTRIAL FUEL

        BITUMINOUS COAL
           AREA SOURCES            1117            3759            1869               6             240
        RESIDUAL OIL
           POINT SOURCES            222            2033            3810              32             188
        DISTILLATE OIL
           POINT SOURCES             15             191             107               2              16
        NATURAL GAS
           AREA SOURCES              10               2            6259            2414             841
           POINT SOURCES            156              22           11994              60             832
        PROCESS GAS
           POINT SOURCES             27             203            4321              16              91
        WOOD
           POINT SOURCES             60               4              36              37              89
        OTHER
           POINT SOURCES              2               1               4               0               1
        TOTAL (INDUSTRIAL)
           AREA SOURCES            1127            3761            8128            2420            1081
           POINT SOURCES            482            2454           20272             147            1217
     COMM-INSTITUTIONAL FUEL

        RESIDUAL OIL
           AREA SOURCES             515            1308            1508              31             136
           POINT SOURCES             21             147             136               4              11
        DISTILLATE OIL
           POINT SOURCES             36             717             364               7              90
        NATURAL GAS
           AREA SOURCES              55              10            1834              97             366
           POINT SOURCES             36               8            2132              26             325
        OTHER
```

```
          TOTAL (COMM-INST)
                AREA SOURCES            7          16          37           1            6
               POINT SOURCES           23         137         325           5           53

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          101          58         157         192          516
               POINT SOURCES          309        1182        8521         154          525
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL             10          42         201          21           18
            NATURAL GAS                11           4        2895          22           32
            TOTAL (ELEC GEN)           21          46        3096          43           50
        INDUSTRIAL FUEL

            DISTILLATE OIL              3          13         449           3           11
            TOTAL (INDUSTRIAL)          3          13         449           3           11
        COMM-INSTITUTIONAL

            TOTAL (COMM-INST)           0           0           7           0            1

        TOTAL (INTERNAL COMB)          24          59        3552          46           62

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          101          58         157         192          516
               POINT SOURCES          333        1241       12073         200          587
INDUSTRIAL PROCESS (POINT)
*************************

    CHEMICAL MANUFACTURING            562         243         347       11589       119959
    FOOD/AGRICULTURAL                1456           0          58           2            4
    PRIMARY METAL                     570       15919        2611           2            1
    SECONDARY METALS                   12           0           0           0            0
    MINERAL PRODUCTS                 5577        4412        7260          23         1434
    PETROLEUM INDUSTRY                  5           0          68           2            9
    ORGANIC SOLVENT EVAPORATION         0           6           0         376            0
    PETROLEUM STORAGE/TRANSPORT         0           0           1         507            0
    METAL FABRICATION                   3           0           0           0            0
    OTHER/NOT CLASSIFIED               17         449          20           2            5
    TOTAL (INDUSTRIAL)               8200       21029       10343       12501       121412
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          1           0           0           0            1
        OPEN BURNING                  475          30         178         924         2525
        TOTAL (GOVERNMENT)            476          30         178         924         2526
    RESIDENTIAL (AREA)

        ON SITE INCINERATION           83           1           3         234          703
        OPEN BURNING                   29           1           7          39          124
        TOTAL (RESIDENTIAL)           112           2          10         273          827
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            0           0           0           0            1
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         HEAVY DUTY VEHICLES          230        121        569        266        588
         OFF HIGHWAY                  182        142       1712        260        519
         RAIL                          23         49        321         77        112
         TOTAL (DIESEL)               635        312       2602        581       1219
     AIRCRAFT

        CIVIL                           5          2         26         84       1658
        TOTAL (AIRCRAFT)                5          2         26         84       1658
     VESSELS

        GASOLINE                        0          4         24        523       1867
        TOTAL (VESSELS)                 0          4         24        523       1867

     TOTAL (TRANSPORTATION)          2108        438       4807       5099      56940

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                  22          0          1         16         85
     GASOLINE STA EVAP LOSS             0          0          0        596          0
     SOLVENT EVAPORATION LOSS           0          0          0        578          0
     UNPAVED ROADS                 171567          0          0          0          0
     UNPAVED AIRSTRIPS                136          0          0          0          0
     TOTAL (MISCELLANEOUS)         171725          0          1       1190         85
GRAND TOTAL
***********

     AREA SOURCES                  174402        746       5279       7285      59889

     POINT SOURCES                    710         70       2394        150        663

     TOTAL                         175112        816       7673       7435      60552
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*** K14 ***
                                                                                                      *** K14 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:06 COLORADO       AQCR:038 SAN ISABEL                         AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            44              93              8             30            271
         DISTILLATE OIL              0              11              3              0              1
         NATURAL GAS                22               4            745             39            149
         WOOD                     1255              12             99           2606           7751
         TOTAL (RESIDENTIAL)      1321             120            855           2675           8172

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          1348           24996          41223            140           1603
         RESIDUAL OIL                0               0              1              0              0
         DISTILLATE OIL              1              13             10              0              2
         NATURAL GAS                23               1           1615             18             30
         OTHER                       2               0              1              1              1
         TOTAL (ELEC GEN)         1374           25010          42850            159           1636

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            3               4              1              0              1
         RESIDUAL OIL
            AREA SOURCES             1              11              3              0              0
            POINT SOURCES            6               6              2              0              0
         DISTILLATE OIL
            AREA SOURCES             9             144            108              3             24
            POINT SOURCES            0               2              1              0              0
         NATURAL GAS
            AREA SOURCES             4               1           1608            578            212
            POINT SOURCES           42               1            451             11             61
         COKE
            POINT SOURCES            5             170             81              0              3
         OTHER
            POINT SOURCES            0               1              2              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES            14             156           1719            581            236
            POINT SOURCES           56             184            538             11             66

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             0               1              0              0              0
            POINT SOURCES          912            1174            281              1             24
         DISTILLATE OIL
            POINT SOURCES            2              84             20              0              5
```

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*** K15 ***
GRAND TOTAL
***********                                                                                      *** K15 ***

    AREA SOURCES                  103896        16080        102980        205190        1135207
    POINT SOURCES                   6216        37972         34147         26386           8548
    TOTAL                         110112        54052        137127        231576        1143755
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*** K16 ***
                                                                                                   *** K16 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************
STATE/AQCR EMISSIONS REPORT
****************************                                                   RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:07 CONNECTICUT     AQCR:044 NORTHWESTERN CONNECTICUT          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES       SOX            NOX             VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL               2              4              0              2             16
          BITUMINOUS COAL               0              1              0              0              1
          DISTILLATE OIL               61            471            296             11             82
          NATURAL GAS                   2              0             69              6             16
          TOTAL (RESIDENTIAL)          65            476            365             17            111
       INDUSTRIAL FUEL

          RESIDUAL OIL
              POINT SOURCES             5             62             43              0              6
          DISTILLATE OIL
              AREA SOURCES              3             26             30              1              7
          NATURAL GAS
              AREA SOURCES              1              0             67              2              6
              POINT SOURCES             0              0              7              0              2
          TOTAL (INDUSTRIAL)
              AREA SOURCES              4             26             97              3             13
              POINT SOURCES             5             62             50              0              6
       COMM-INSTITUTIONAL FUEL


          ANTHRACITE COAL
              AREA SOURCES              2              8              3              0              0
          BITUMINOUS COAL
              AREA SOURCES              0              1              0              0              0
          DISTILLATE OIL
              AREA SOURCES              4             53             37              1              9
          NATURAL GAS
              AREA SOURCES              1              0             29              2              6
          TOTAL (COMM-INST)
              AREA SOURCES              7             62             69              3             15

      TOTAL (EXTERNAL COMB)
              AREA SOURCES             56            564            529             23            139
              POINT SOURCES             5             62             50              0              6
   TOTAL (FUEL COMBUSTION)

              AREA SOURCES             56            564            529             23            139
              POINT SOURCES             5             62             50              0              6
INDUSTRIAL PROCESS (POINT)
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*** K17 ***                                                                                  *** K17 ***
SELECT CARD = <09                                              25>
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*** K15 ***                                                                                  *** K18 ***
                  AREA SOURCES                   5          78          53           0          13
                  POINT SOURCES               1031         488        2582          26         326
        TOTAL (EXTERNAL COMB)
                  AREA SOURCES                4287         137         896        8965       26467
                  POINT SOURCES               7739      143419       43797         585        2939
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

              DISTILLATE OIL                     0           1          13           1           3
              TOTAL (ELEC GEN)                   0           1          13           1           3

        TOTAL (INTERNAL COMB)                    0           1          13           1           3

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                4287         137         896        8965       26467
                  POINT SOURCES               7739      143420       43810         586        2942
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    4625       17005        8011        1398        2009
    FOOD/AGRICULTURAL                            8           0           0           0           0
    MINERAL PRODUCTS                          5821          26          11          25          12
    PETROLEUM INDUSTRY                           7       33337         341           7          85
    WOOD PRODUCTS                             7082        5641        1141           0       23047
    ORGANIC SOLVENT EVAPORATION                  0           0           0         360           0
    PETROLEUM STORAGE/TRANSPORT                  0           0           0        2269           0
    OTHER/NOT CLASSIFIED                         0        1161           0           0           0
    TOTAL (INDUSTRIAL)                       17543       57168        9504        4059       25153
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                 342          29          36          17         399
        OTHER INCINERATION                     546           5          27           5           0
        TOTAL (GOVERNMENT)                     888          34          61          22         399
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                    17           0           0          51         156
        TOTAL (RESIDENTIAL)                     17           0           0          51         154
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES                   0           0           0           0           2
                  POINT SOURCES                  0        1451           0           0           0
        TOTAL (COMM-INST)
                  AREA SOURCES                   0           0           0           0           2
                  POINT SOURCES                  0        1451           0           0           0
    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES                   4           0           0           4           8
                  POINT SOURCES                169         105         635         104         131
        TOTAL (INDUSTRIAL)
                  AREA SOURCES                   4           0           0           4           8
                  POINT SOURCES                169         105         635         104         131
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*** L01 ***
                                                                                                   *** L01 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
NATIONWIDE EMISSIONS REPORT
***************************                                            RUN DATE:   MONDAY   NOVEMBER 28, 1983
UNITED STATES                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                       POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL           4481          12260           1320           4481          40479
         BITUMINOUS COAL          10453          39007           1987           7106          62566
         DISTILLATE OIL           11046         133624          80222           3091          22210
         NATURAL GAS               7238           1226         247653          13397          49513
         WOOD                    912644           9529          72129        1892357        5631032
         TOTAL (RESIDENTIAL)     945862         195646         403311        1920432        5805800
      ELEC GENERATION (POINT)

         ANTHRACITE COAL            782          22026           9215             36            307
         BITUMINOUS COAL        1076923       15574084        6211365          40153         201664
         LIGNITE                  39363         320707         267414           1731          17474
         RESIDUAL OIL            118127        1539094         532595           9000          37865
         DISTILLATE OIL            1227          28896          21594            281           2184
         NATURAL GAS              11382           5330         826994           5219          48762
         PROCESS GAS                 23            225           3124             16            132
         OTHER                     9199          14435          17368           5924          13990
         TOTAL (ELEC GEN)       1257026       17504797        7889669          62360         322378
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             12            156             77              0              1
            POINT SOURCES           641           4761           2426             48            300
         BITUMINOUS COAL
            AREA SOURCES          84007         550761         147361            647          18900
            POINT SOURCES        258310        1272190         420042           5720          46593
         LIGNITE
            POINT SOURCES         24429          52993          11823             92           3687
         RESIDUAL OIL
            AREA SOURCES          14122         208913          40569            224           3665
            POINT SOURCES        104836        1265641         328528          24392          43733
         DISTILLATE OIL
            AREA SOURCES           4002          50722          46092           1470          10884
            POINT SOURCES          7746         107118          38382           7558           6780
         NATURAL GAS
            AREA SOURCES           4940            864        2269789         849304         304312
            POINT SOURCES         14805          17395         524505          22348          85055
         PROCESS GAS
            AREA SOURCES             19             77             86              1              3
            POINT SOURCES         14564         182906         147606           8196          23608
         COKE
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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:01 ALABAMA          AQCR:002 COLUMBUS-PHENIX CITY          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                PARTICULATES         SOX            NOX            VOC            CO
                                ************    ************   ************   ************   ************
                                 TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                20              98              3             13            112
         DISTILLATE OIL                  0              12              5              0              1
         NATURAL GAS                    12               1            438             23             88
         WOOD                         3245              35            256           6737          20028
         TOTAL (RESIDENTIAL)          3277             146            702           6773          20229

      ELEC GENERATION (POINT)

         OTHER                         352              12            264            160            376
         TOTAL (ELEC GEN)              352              12            264            160            376

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              409            4078            811              2            105
             POINT SOURCES              58             493            241              1              7
         RESIDUAL OIL
             POINT SOURCES             106            1605            208              1             19
         DISTILLATE OIL
             POINT SOURCES              13             217             15              0              2
         NATURAL GAS
             AREA SOURCES               14               2           4886           1767            643
             POINT SOURCES              37              25           1549             14            109
         WOOD
             POINT SOURCES            1131             273            224            254            598
         TOTAL (INDUSTRIAL)
             AREA SOURCES              423            4080           5697           1769            748
             POINT SOURCES            1345            2613           2237            270            735

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                4              17              5              0              0
         BITUMINOUS COAL
             AREA SOURCES               23             143             18              1             10
         DISTILLATE OIL
             AREA SOURCES                5             102             74              1             18
         NATURAL GAS
             AREA SOURCES                4               1            181              7             35
         TOTAL (COMM-INST)
             AREA SOURCES               36             263            278              9             63
```

TOTAL (GASOLINE)	10814	472	10235	13165	138355
DIESEL					
HEAVY DUTY VEHICLES	1081	467	4258	585	1799
OFF HIGHWAY	115	89	1076	164	325
RAIL	264	601	3904	948	1371
TOTAL (DIESEL)	1460	1157	9238	1697	3495
AIRCRAFT					
MILITARY	101	7	52	119	246
CIVIL	2	2	12	37	755
COMMERCIAL	5	11	119	105	326
TOTAL (AIRCRAFT)	108	20	183	261	1327
VESSELS					
DIESEL FUEL	66	83	616	154	216
RESIDUAL OIL	136	1799	296	18	10
GASOLINE	0	17	99	2192	7812
TOTAL (VESSELS)	202	1899	1011	2364	8038
TOTAL (TRANSPORTATION)	12584	3548	20667	17487	151215
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	4099	36	965	4628	33748
FOREST MANAGED BURNING	1243	9	249	889	6958
AGRICULTURAL BURNING	125	0	18	115	827
STRUCTURAL FIRES	118	0	12	88	479
GASOLINE STA EVAP LOSS	0	0	0	2655	0
SOLVENT EVAPORATION LOSS	0	0	0	6507	0
UNPAVED ROADS	20421	0	0	0	0
TOTAL (MISCELLANEOUS)	26006	45	1244	14882	42012
GRAND TOTAL ***********					
AREA SOURCES	41040	9492	29782	37930	204646
POINT SOURCES	10854	118535	57305	3287	18151
TOTAL	51894	128027	87087	41217	222797

```
*** L04 ***
                                                                                                  *** L04 ***
                                  NATIONAL EMISSIONS DATA SYSTEM
                                  ******************************

                                  ENVIRONMENTAL PROTECTION AGENCY
                                  *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                     RUN DATE:   MONDAY    NOVEMBER 28, 1983
STATE:02 ALASKA        AQCR:008 COOK INLET          AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                   POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                           PARTICULATES       SOX           NOX           VOC           CO
                           ************  ************  ************  ************  ************
                            TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL              8          143            59             3            17
         NATURAL GAS                12            2           385            20            77
         WOOD                      671            7            53          1393          4139
         TOTAL (RESIDENTIAL)       691          152           497          1416          4233
      ELEC GENERATION (POINT)

         DISTILLATE OIL              0            7             2             0             0
         NATURAL GAS                 6            1          1160             3            84
         TOTAL (ELEC GEN)            6            8          1162             3            84
      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES             1           15             3             0             0
            POINT SOURCES            2           21             8             0             1
         DISTILLATE OIL
            AREA SOURCES             6           91            69             3            17
            POINT SOURCES            0            7             4             0             1
         NATURAL GAS
            AREA SOURCES            20            3           887            18           222
            POINT SOURCES            4            1           631             3            54
         TOTAL (INDUSTRIAL)
            AREA SOURCES            27          109           959            21           239
            POINT SOURCES            6           29           643             3            56
      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES            13            2           424            22            85
            POINT SOURCES            4            1           703             2            52
         OTHER
            POINT SOURCES            2           14            12             0             3
         TOTAL (COMM-INST)
            AREA SOURCES            13            2           424            22            85
            POINT SOURCES            6           15           715             2            55
      TOTAL (EXTERNAL COMB)
            AREA SOURCES           731          263          1880          1459          4557
            POINT SOURCES           18           52          2520             8           195
   INTERNAL COMBUSTION (POINT)
```

```
*** L05 ***
                                                                                                    *** L05 ***
SELECT CARD = <03                                                                    25>
```

```
*** L06 ***                                                                                  *** L06 ***
            POINT SOURCES                  0          1         18          1          3
      TOTAL (EXTERNAL COMB)
            AREA SOURCES                4334       1718       4184       9504      25432
            POINT SOURCES              10870      91686      60192        454       3405
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                4334       1718       4184       9504      25432
            POINT SOURCES              10870      91686      60192        454       3405
INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                     287          0          0          0          0
   MINERAL PRODUCTS                     3651       3603       2382          1        976
   PETROLEUM INDUSTRY                    371        203         39         50       2530
   WOOD PRODUCTS                          65       1439        373          0       9661
   PETROLEUM STORAGE/TRANSPORT             0          0          0        119          0
   OTHER/NOT CLASSIFIED                    4        463          0          1         34
   TOTAL (INDUSTRIAL)                   4378       5708       2794        171      13201
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               184          4          6        520       1560
      OPEN BURNING                       150          6         38        202        645
      TOTAL (RESIDENTIAL)                334         10         44        722       2205
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                  12          4          4          8         16
      TOTAL (COMM-INST)
            AREA SOURCES                  12          4          4          8         16
   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                  19          4          4         17         25
            POINT SOURCES                 60          1          9         95       1125
      OPEN BURNING
            AREA SOURCES                  15          0          4         25         90
      TOTAL (INDUSTRIAL)
            AREA SOURCES                  34          4          8         42        115
            POINT SOURCES                 60          1          9         95       1125
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 380         18         56        772       2336
            POINT SOURCES                 60          1          9         95       1125
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            2972        147       2366       4803      56198
         LIGHT DUTY TRUCKS              2318        161       2248       3716      45140
         HEAVY DUTY VEHICLES             174         18        577        555       8907
         OFF HIGHWAY                      11          5        119        319       4026
         TOTAL (GASOLINE)               5475        331       5310       9393     114271
```

```
*** L07 ***
SELECT CARD = <04    017                                                             45>                                                  *** L07 ***
```

```
*** L08 ***
          HEAVY DUTY VEHICLES          671        63      2040      2187     34751   *** L08 ***
          OFF HIGHWAY                   33        17       355       948     11993
          TOTAL (GASOLINE)           11560       636     13848     15669    162521

       DIESEL

          HEAVY DUTY VEHICLES         1353       647      5823       724      2202
          OFF HIGHWAY                  940       737      8855      1349      2678
          RAIL                         321       729      4737      1150      1664
          TOTAL (DIESEL)              2614      2113     19415      3223      6544

    AIRCRAFT

       MILITARY                        206        13       106       242       501
       CIVIL                             4         3        37       110      2236
       TOTAL (AIRCRAFT)                210        16       143       352      2737

    VESSELS

       DIESEL FUEL                      14        16       126        32        44
       GASOLINE                          0        17       101      2214      7891
       TOTAL (VESSELS)                  14        33       227      2246      7935

    TOTAL (TRANSPORTATION)           14398      2798     33633     21490    179737

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  1521        11       357      1719     12512
    FOREST MANAGED BURNING             218         1        43       156      1221
    STRUCTURAL FIRES                   137         0        14       100       553
    GASOLINE STA EVAP LOSS               0         0         0      1970         0
    SOLVENT EVAPORATION LOSS             0         0         0      7693         0
    UNPAVED ROADS                   201202         0         0         0         0
    UNPAVED AIRSTRIPS                    2         0         0         0         0
    TOTAL (MISCELLANEOUS)           203080        12       414     11638     14286
GRAND TOTAL
***********

    AREA SOURCES                    222304      3805     39182     43493    221854

    POINT SOURCES                     6102      6433     10179      4086      6671

    TOTAL                           228406     10238     49361     47579    228525
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:05 CALIFORNIA      AQCR:023 GREAT BASIN VALLEY                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          NATURAL GAS                    2              0             42              2              9
          WOOD                         737              8             59           1530           4549
          TOTAL (RESIDENTIAL)          739              8            101           1532           4558
       INDUSTRIAL FUEL

          BITUMINOUS COAL
             AREA SOURCES                1              5              2              0              0
          RESIDUAL OIL
             POINT SOURCES              35            465            161              1             15
          DISTILLATE OIL
             POINT SOURCES               0              8              1              0              0
          NATURAL GAS
             AREA SOURCES                0              0              9              3              1
          WOOD
             POINT SOURCES               2              0              4              4             10
          TOTAL (INDUSTRIA/.)
             AREA SOURCES                1              5             11              3              1
             POINT SOURCES              37            473            166              5             25
       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             AREA SOURCES                7             18             20              0              1
          NATURAL GAS
             AREA SOURCES                0              0             14              0              3
          TOTAL (COMM-INST)
             AREA SOURCES                7             18             34              0              4
       TOTAL (EXTERNAL COMB)
             AREA SOURCES              747             31            146           1535           4563
             POINT SOURCES              37            473            166              5             25
    TOTAL (FUEL COMBUSTION)

             AREA SOURCES              747             31            146           1535           4563
             POINT SOURCES              37            473            166              5             25
INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                   191             23             11             26             12
    TOTAL (INDUSTRIAL)                 191             23             11             26             12
```

```
*** L10 ***
SELECT CARD = <05    027                                                  45>                    *** L10 ***
```

```
*** L11 ***                                                                                  *** L11 ***
              POINT SOURCES              8          0        181          0         14
          TOTAL (COMM-INST)
              AREA SOURCES             570       1318       3342        128        502
              POINT SOURCES            101        872       2813         37        440
      TOTAL (EXTERNAL COMB)
              AREA SOURCES            5301       5197      19194       9961      23934
              POINT SOURCES           2902      11766      72677        566       4306
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  7        183        511          0         12
         NATURAL GAS                     0          0         90          7         23
         OTHER                           0          0          6          1          1
         TOTAL (ELEC GEN)                7        183        607          8         36
      INDUSTRIAL FUEL

         NATURAL GAS                    34         53       1224         99        267
         GASOLINE                        0          0          0          0          2
         DIESEL FUEL                     5          2         67          5         15
         TOTAL (INDUSTRIAL)             39         55       1291        106        284
      COMM-INSTITUTIONAL

         TOTAL (COMM-INST)               0          0         66          1          8
      ENGINE-TESTING

         TOTAL (ENG TESTNG)             10         12         23         51         77

      TOTAL (INTERNAL COMB)             56        250       1987        164        405
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              5301       5197      19194       9961      23934
            POINT SOURCES             2958      12016      74664        730       4711
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              819      12249       2415       1198       4208
   FOOD/AGRICULTURAL                   647          0        368        152         27
   PRIMARY METAL                         9          0          0          0          0
   SECONDARY METALS                    449        107        805        493        407
   MINERAL PRODUCTS                   2396       2770       6925         56        539
   PETROLEUM INDUSTRY                 1602      24344      18345      11066       1351
   WOOD PRODUCTS                       225          0         55        655          0
   ORGANIC SOLVENT EVAPORATION           1          0          0      17409          3
   PETROLEUM STORAGE/TRANSPORT           0        223          0      30478          0
   OTHER/NOT CLASSIFIED                406         41        621       3622       6125
   TOTAL (INDUSTRIAL)                 6554      39734      29534      65129      12660
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION             9          1          0          3         12
      OTHER INCINERATION                 8          0        171          0          0
      TOTAL (GOVERNMENT)                17          1        171          3         12

   RESIDENTIAL (AREA)
```

```
*** L12 ***                                                                                          *** L12 ***
            POINT SOURCES               0         0         0         0         1
      TOTAL (COMM-INST)
            AREA SOURCES                0         0         0         0         1
            POINT SOURCES               0         0         0         0         1
   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                1         0         0         1         2
            POINT SOURCES              11         3         2        12        16
      OPEN BURNING
            AREA SOURCES                2         0         1         3        10
      TOTAL (INDUSTRIAL)
            AREA SOURCES                3         0         1         4        12
            POINT SOURCES              11         3         2        12        16
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES              115         2        11       277       840
            POINT SOURCES             487        33       180       936      2543
TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         2449        84      1684      2502     22098
         LIGHT DUTY TRUCKS           1117        52       890      1245      9975
         HEAVY DUTY VEHICLES          139        11       293       276      5947
         OFF HIGHWAY                    5         2        50       134      1696
         TOTAL (GASOLINE)            3710       149      2917      4157     39716
      DIESEL

         HEAVY DUTY VEHICLES          266       109       886       144       447
         OFF HIGHWAY                   63        49       593        90       179
         RAIL                          16        37       239        58        86
         TOTAL (DIESEL)               345       195      1718       292       710
   AIRCRAFT

      MILITARY                          1         0         0         1         2
      CIVIL                             1         0         3         8       163
      COMMERCIAL                        2         5        53        47       147
      TOTAL (AIRCRAFT)                  4         5        56        56       312
   VESSELS

      GASOLINE                          0         6        33       722      2572
      TOTAL (VESSELS)                   0         6        33       722      2572
   TOTAL (TRANSPORTATION)            4059       355      4724      5227     43310
MISCELLANEOUS (AREA)
********************

   AGRICULTURAL BURNING               390         0        55       360      2593
   STRUCTURAL FIRES                    21         0         2        16        87
   GASOLINE STA EVAP LOSS               0         0         0       426         0
   SOLVENT EVAPORATION LOSS             0         0         0       749         0
   UNPAVED ROADS                     2307         0         0         0         0
   UNPAVED AIRSTRIPS                   92         0         0         0         0
   TOTAL (MISCELLANEOUS)             2810         0        57      1551      2680
GRAND TOTAL
```

```
SELECT CARD = <06    035                                                   45>
STATE 06 COUNTY 1060 NOT FOUND IN POINT FILE
STATE 06 COUNTY 1720 NOT FOUND IN POINT FILE
```

```
*** L14 ***                                                                                    *** L14 ***
          NATURAL GAS
             POINT SOURCES                  11          2        972          9        123
          WOOD
             POINT SOURCES                   6          0          0          0          0
          LIQUID PETROL GAS
             POINT SOURCES                   0          2          0          0          0
          TOTAL (COMM-INST)
             AREA SOURCES                    0          1          0          0          0
             POINT SOURCES                 931       1262       1273         10        152

       TOTAL (EXTERNAL COMB)
             AREA SOURCES                 1335        277       2574       3256       8608
             POINT SOURCES                2361      26456      44661        180       1854

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                     1          1          9          1          2
          NATURAL GAS                        0          0         77          2         10
          TOTAL (ELEC GEN)                   1          1         86          3         12

       INDUSTRIAL FUEL

          DISTILLATE OIL                    48         65        674         46        147
          TOTAL (INDUSTRIAL)                48         65        674         46        147

       TOTAL (INTERNAL COMB)                49         46        760         49        159

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 1335        277       2574       3256       8608
             POINT SOURCES                2410      26502      45421        229       2013
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 405          0          0          0          0
    PRIMARY METAL                         6044        165        161       1237      31053
    SECONDARY METALS                        52         18          2          0       2827
    MINERAL PRODUCTS                      4076       8306       2377        126         32
    ORGANIC SOLVENT EVAPORATION              0          0          0        489          0
    PETROLEUM STORAGE/TRANSPORT              0          0          0         83          0
    METAL FABRICATION                        9          0          0          0          0
    OTHER/NOT CLASSIFIED                    24       7785          0         17         51
    TOTAL (INDUSTRIAL)                   10610      16272       2540       1950      33963
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                458          6         14       1287       3862
       OPEN BURNING                        550         20        140        740       2347
       TOTAL (RESIDENTIAL)                1008         26        154       2027       6209

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                   13          4          6          7         20
       TOTAL (COMM-INST)
             AREA SOURCES                   13          4          6          7         20

    INDUSTRIAL

       ON SITE INCINERATION
```

```
*** L15 ***
SELECT CARD = <07    041                                                                              *** L15 ***
                                                              45>
```

**************************					
SECONDARY METALS	35	4	0	0	72
MINERAL PRODUCTS	154	2	97	2	65
ORGANIC SOLVENT EVAPORATION	0	0	0	1	0
METAL FABRICATION	1	0	0	0	0
TOTAL (INDUSTRIAL)	190	6	97	3	137
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3211	163	3629	3901	37384
LIGHT DUTY TRUCKS	697	48	1006	1067	9031
HEAVY DUTY VEHICLES	81	8	279	275	4396
OFF HIGHWAY	10	5	114	302	3820
TOTAL (GASOLINE)	3999	224	5028	5545	54631
DIESEL					
HEAVY DUTY VEHICLES	155	78	698	82	250
OFF HIGHWAY	31	24	291	44	88
RAIL	1	1	9	2	3
TOTAL (DIESEL)	187	103	998	128	341
AIRCRAFT					
CIVIL	1	1	6	17	342
TOTAL (AIRCRAFT)	1	1	6	17	342
VESSELS					
GASOLINE	0	3	15	324	1157
TOTAL (VESSELS)	0	3	15	324	1157
TOTAL (TRANSPORTATION)	4187	331	6047	6014	56471
MISCELLANEOUS (AREA)					
********************					
STRUCTURAL FIRES	61	0	4	31	168
GASOLINE STA EVAP LOSS	0	0	0	486	0
SOLVENT EVAPORATION LOSS	0	0	0	3632	0
TOTAL (MISCELLANEOUS)	61	0	4	3949	168
GRAND TOTAL					
***********					
AREA SOURCES	4284	895	6580	9986	56778
POINT SOURCES	195	68	147	3	143
TOTAL	4479	963	6727	9989	56921

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT

STATE 09:DIST. COLUMBIA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	16	28	3	9	82
DISTILLATE OIL	15	173	108	6	30
NATURAL GAS	22	6	718	38	144
WOOD	285	3	23	592	1759
TOTAL (RESIDENTIAL)	336	208	852	643	2015
ELEC GENERATION (POINT)					
RESIDUAL OIL	27	368	153	2	15
DISTILLATE OIL	77	1916	843	10	70
TOTAL (ELEC GEN)	104	2282	996	12	85
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	772	5096	1909	11	839
RESIDUAL OIL					
POINT SOURCES	40	821	297	2	27
DISTILLATE OIL					
AREA SOURCES	21	209	236	8	56
POINT SOURCES	2	38	14	0	4
NATURAL GAS					
POINT SOURCES	1	0	104	0	8
OTHER					
POINT SOURCES	9	325	193	1	4
TOTAL (INDUSTRIAL)					
AREA SOURCES	21	209	236	8	56
POINT SOURCES	824	6278	2517	14	882
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	209	859	287	13	171
RESIDUAL OIL					
POINT SOURCES	129	2222	665	15	72
DISTILLATE OIL					
POINT SOURCES	120	1929	1161	20	262
NATURAL GAS					
AREA SOURCES	22	6	749	40	150
POINT SOURCES	0	0	14	0	1
OTHER					
POINT SOURCES	3	44	34	0	5
TOTAL (COMM-INST)					

```
*** L18 ***                                                                                       *** L18 ***
    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            21           0           0          55         164
                 POINT SOURCES         1057        1590         696         126         530
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       12517         481        9725       11813      116337
            LIGHT DUTY TRUCKS          3428         189        3576        4122       35131
            HEAVY DUTY VEHICLES         596          49        1510        1818       28817
            OFF HIGHWAY                  27          13         298         790        9986
            TOTAL (GASOLINE)          16568         732       15109       18543      190271
        DIESEL

            HEAVY DUTY VEHICLES        1148         497        4525         620        1912
            OFF HIGHWAY                  91          70         849         129         258
            RAIL                         57         131         850         206         299
            TOTAL (DIESEL)             1296         698        6224         955        2469
    AIRCRAFT

        MILITARY                       9175         594        4711       10793       22285
        CIVIL                             5           2          20          65        1308
        COMMERCIAL                        4           9          95          86         261
        TOTAL (AIRCRAFT)               9184         605        4826       10942       23854
    VESSELS

        DIESEL FUEL                     129         160        1201         299         420
        RESIDUAL OIL                     58         756         124           7           4
        GASOLINE                          0          27         162        3558       12681
        TOTAL (VESSELS)                 187         943        1487        3864       13105

    TOTAL (TRANSPORTATION)            27235        2978       27646       34304      229699
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    148           0          34         168        1217
    FOREST MANAGED BURNING             3818          28         764        2731       21380
    STRUCTURAL FIRES                    143           0          12         105         580
    GASOLINE STA EVAP LOSS                0           0           0        2486           0
    SOLVENT EVAPORATION LOSS              0           0           0        6502           0
    UNPAVED ROADS                     59724           0           0           0           0
    TOTAL (MISCELLANEOUS)             63833          28         810       11992       23177
GRAND TOTAL
***********

    AREA SOURCES                      95376        3143       29350       55296      279507

    POINT SOURCES                     26339      202178       54010        4771       28625

    TOTAL                            121715      205321       83360       60067      308132
```

AREA SOURCES	76	190	49	1	21
POINT SOURCES	1405	3551	3459	305	18121
WOOD					
AREA SOURCES	229	9	229	143	406
POINT SOURCES	75876	14463	88149	70638	120465
LIQUID PETROL GAS					
POINT SOURCES	27	94	843	187	231
BAGASSE					
POINT SOURCES	16230	365	3506	5927	3910
OTHER					
POINT SOURCES	3067	28009	13549	3017	2337
TOTAL (INDUSTRIAL)					
AREA SOURCES	107407	811692	2504252	851790	338192
POINT SOURCES	521936	2949486	1582818	148428	354820
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	4806	16149	5742	20	299
POINT SOURCES	1109	5478	1277	114	1540
BITUMINOUS COAL					
AREA SOURCES	7318	31299	6205	203	3664
POINT SOURCES	28464	100503	21052	773	6788
LIGNITE					
POINT SOURCES	2108	1954	379	29	378
RESIDUAL OIL					
AREA SOURCES	15156	192776	44576	887	4008
POINT SOURCES	15278	179644	61372	1406	5360
DISTILLATE OIL					
AREA SOURCES	2631	46098	28293	414	6936
POINT SOURCES	3027	55699	15884	389	12921
NATURAL GAS					
AREA SOURCES	2589	399	95555	4939	19031
POINT SOURCES	1110	355	53674	2560	7545
WOOD					
POINT SOURCES	1023	484	614	776	3549
LIQUID PETROL GAS					
POINT SOURCES	5	74	60	2	10
OTHER					
POINT SOURCES	668	5029	7121	272	1857
TOTAL (COMM-INST)					
AREA SOURCES	32500	286721	180371	6463	33938
POINT SOURCES	52792	349220	161433	6319	39948
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1085769	1294059	3087934	2778685	6177930
POINT SOURCES	1831754	20803503	9633920	217107	717146
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	6195	43415	77042	5257	13642
NATURAL GAS	1718	1369	98447	8068	18631
OTHER	425	262	6087	382	1240
TOTAL (ELEC GEN)	8338	45046	181576	13707	33513
INDUSTRIAL FUEL					
DISTILLATE OIL	1039	1164	15445	1948	4178
NATURAL GAS	5062	5056	853348	63621	139072
GASOLINE	362	9	167	345	6518
DIESEL FUEL	58	23	873	30	298
OTHER	15	47	428	40	100
TOTAL (INDUSTRIAL)	6536	6299	870261	65984	150166

```
*** M02 ***                                                                                          *** M02 ***
         TOTAL (EXTERNAL COMB)
                   AREA SOURCES          3736          4489          6677          8551         21040
                   POINT SOURCES         1697          2625          2501           430          1111
     TOTAL (FUEL COMBUSTION)

                   AREA SOURCES          3736          4489          6677          8551         21040
                   POINT SOURCES         1697          2625          2501           430          1111
INDUSTRIAL PROCESS (POINT)
***************************

     CHEMICAL MANUFACTURING                30           331             1          1587         25130
     FOOD/AGRICULTURAL                    101             0             0             0             0
     PRIMARY METAL                         78             0             0             0             0
     SECONDARY METALS                      28          2912             0             0             0
     MINERAL PRODUCTS                     333            37           214            38            22
     WOOD PRODUCTS                       2188          1781           659             0         13503
     OTHER/NOT CLASSIFIED                  23             0             0           571             0
     TOTAL (INDUSTRIAL)                  2781          5061           874          2196         38655
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             284             3             8           803          2405
         OPEN BURNING                     780            30           198          1049          3329
         TOTAL (RESIDENTIAL)             1064            33           206          1852          5734
     COMMERCIAL-INSTITUTIONAL

         OPEN BURNING
                   AREA SOURCES            11             0             2            20            46
         TOTAL (COMM-INST)
                   AREA SOURCES            11             0             2            20            46
     INDUSTRIAL

         ON SITE INCINERATION
                   POINT SOURCES            0             0             2             0             0
         OPEN BURNING
                   AREA SOURCES            19             0             9            30           100
         TOTAL (INDUSTRIAL)
                   AREA SOURCES            19             0             9            30           100
                   POINT SOURCES            0             0             2             0             0
     TOTAL (SOLID WASTE DISP)
                   AREA SOURCES          1094            33           217          1902          5880
                   POINT SOURCES            0             0             2             0             0
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES         8889           352          7704          9641         94361
             LIGHT DUTY TRUCKS           1991           115          2334          2800         23628
             HEAVY DUTY VEHICLES          630            51          1567          1930         30515
             OFF HIGHWAY                   26            13           281           750          9482
             TOTAL (GASOLINE)           11536           531         11886         15121        157986

         DIESEL
```

```
*** M03 ***                                                                                                    *** M03 ***
SELECT CARD = <01     006                                                              45>
```

```
*** M04 ***                                                                                              *** M04 ***
        ELECTRIC GENERATION

           NATURAL GAS                       138          5        4085        125        1138
           TOTAL (ELEC GEN)                  138          5        4085        125        1138

        INDUSTRIAL FUEL

           DISTILLATE OIL                     52         49         731         49         159
           NATURAL GAS                       115          5        6687        154        1444
           TOTAL (INDUSTRIAL)                167         54        7418        203        1603

        TOTAL (INTERNAL COMB)                305         59       11503        328        2741

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES                   731        263        1880       1459        4557
              POINT SOURCES                  323        111       14023        336        2936
  INDUSTRIAL PROCESS (POINT)
  **************************

     MINERAL PRODUCTS                        120         12           5         13           6
     PETROLEUM INDUSTRY                        3          0         138          6          35
     ORGANIC SOLVENT EVAPORATION               0          0           0        511           0
     PETROLEUM STORAGE/TRANSPORT               0          0           0       9125           0
     TOTAL (INDUSTRIAL)                      123         12         143       9655          41
  SOLID WASTE DISPOSAL
  ********************

     GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                 0          0           0          1           1
        TOTAL (GOVERNMENT)                     0          0           0          1           1

     TOTAL (SOLID WASTE DISP)
             POINT SOURCES                     0          0           0          1           1
  TRANSPORTATION (AREA)
  *********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES              3408        119        2630       3664       40847
           LIGHT DUTY TRUCKS                2198        113        2524       3421       33077
           HEAVY DUTY VEHICLES               261         20         646        878       13609
           OFF HIGHWAY                        11          7         123        327        4139
           TOTAL (GASOLINE)                 5878        259        5923       8290       91672
        DIESEL

           HEAVY DUTY VEHICLES               425        172        1580        231         716
           OFF HIGHWAY                       120         94        1137        173         344
           RAIL                               34         75         490        119         172
           TOTAL (DIESEL)                    579        341        3207        523        1232
     AIRCRAFT

        MILITARY                             338         22         174        398         821
        CIVIL                                 14          9          64        196        3917
        COMMERCIAL                            37         85         886        786        2441
        TOTAL (AIRCRAFT)                     389        116        1124       1380        7179
     VESSELS
```

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE EMISSIONS REPORT
****
STATE 03:ARIZONA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
NATURAL GAS	43	7	1463	79	291
WOOD	5164	53	409	10722	31868
TOTAL (RESIDENTIAL)	5207	60	1872	10801	32159
ELEC GENERATION (POINT)					
BITUMINOUS COAL	11269	104801	87704	491	4215
RESIDUAL OIL	53	925	309	5	19
DISTILLATE OIL	0	210	80	0	26
NATURAL GAS	128	56	13306	48	860
TOTAL (ELEC GEN)	11450	105992	101399	544	5120
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	3415	18706	9306	33	1197
POINT SOURCES	1	193	129	18	149
RESIDUAL OIL					
POINT SOURCES	110	2259	400	3	36
DISTILLATE OIL					
AREA SOURCES	84	1257	944	30	225
POINT SOURCES	3	50	35	0	8
NATURAL GAS					
AREA SOURCES	29	5	22710	9035	3087
POINT SOURCES	49	235	1906	11	149
WOOD					
POINT SOURCES	446	8	91	106	223
OTHER					
POINT SOURCES	0	18	35	2	7
TOTAL (INDUSTRIAL)					
AREA SOURCES	3528	19968	32960	9098	4509
POINT SOURCES	609	2763	2596	140	572
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	65	181	216	1	6
RESIDUAL OIL					
AREA SOURCES	14	196	42	1	4
DISTILLATE OIL					
AREA SOURCES	3	76	33	0	8
POINT SOURCES	0	4	1	0	0
NATURAL GAS					

```
        DIESEL

            HEAVY DUTY VEHICLES              809          406         3655          431         1305
            OFF HIGHWAY                       93           74          877          133          265
            RAIL                              67          153          997          242          351
            TOTAL (DIESEL)                   969          633         5529          806         1921
    AIRCRAFT

        MILITARY                               3            0            2            4            8
        CIVIL                                  5            3           22           67         1348
        COMMERCIAL                            23           53          549          486         1510
        TOTAL (AIRCRAFT)                      31           56          573          557         2866
    VESSELS

        GASOLINE                               0            3           24          506         1806
        TOTAL (VESSELS)                        0            3           24          506         1806

    TOTAL (TRANSPORTATION)                  6475         1023        11436        11262       120864

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       11149           98         2623        12592        91813
    FOREST MANAGED BURNING                  7801           58         1560         5577        43680
    STRUCTURAL FIRES                          48            0            4           35          193
    GASOLINE STA EVAP LOSS                     0            0            0         1732            0
    SOLVENT EVAPORATION LOSS                   0            0            0         2307            0
    UNPAVED ROADS                         169490            0            0            0            0
    UNPAVED AIRSTRIPS                        224            0            0            0            0
    TOTAL (MISCELLANEOUS)                 188712          156         4187        22243       135686
GRAND TOTAL
***********

    AREA SOURCES                          199901         2915        19863        43781       284318

    POINT SOURCES                          15308        97395        62995          720        17731

    TOTAL                                 215209       100310        82858        44501       302049
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                               RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:04 ARKANSAS        AQCR:017 METROPOLITAN FORT SMITH                    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES       SOX             NOX             VOC             CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               0              2               2               0               0
         NATURAL GAS                 12              3             408              23              81
         WOOD                       609              6              49            1263            3752
         TOTAL (RESIDENTIAL)        621             11             459            1286            3833
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            969          11907            7499
         TOTAL (ELEC GEN)           969          11907            7499              65             555
                                                                                    65             555
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             89            888             176               0              23
         DISTILLATE OIL
            AREA SOURCES             14            133             150               4              35
         NATURAL GAS
            AREA SOURCES              9              1            3954            1472             526
         WOOD
            POINT SOURCES            21              1               6               7              16
         TOTAL (INDUSTRIAL)
            AREA SOURCES            112           1022            4280            1476             584
            POINT SOURCES            21              1               6               7              16
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              5             76              18               0               2
         DISTILLATE OIL
            AREA SOURCES              5             83              58               0              15
         NATURAL GAS
            AREA SOURCES              7              1             240              13              48
         TOTAL (COMM-INST)
            AREA SOURCES             17            160             316              13              65
      TOTAL (EXTERNAL COMB)
            AREA SOURCES            750           1193            5055            2775            4482
            POINT SOURCES           990          11908            7505              72             571
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES            750           1193            5055            2775            4482
            POINT SOURCES           990          11908            7505              72             571
```

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SELECT CARD = <04    021                                                                  45>
STATE 04 COUNTY 0120 NOT FOUND IN POINT FILE
STATE 04 COUNTY 0440 NOT FOUND IN POINT FILE
STATE 04 COUNTY 0960 NOT FOUND IN POINT FILE
STATE 04 COUNTY 1760 NOT FOUND IN POINT FILE
STATE 04 COUNTY 2140 NOT FOUND IN POINT FILE
STATE 04 COUNTY 2380 NOT FOUND IN POINT FILE
STATE 04 COUNTY 2520 NOT FOUND IN POINT FILE
STATE 04 COUNTY 2640 NOT FOUND IN POINT FILE
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*** M09 ***
SOLID WASTE DISPOSAL                                                                                    *** M09 ***
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              23          0          1         65        193
        OPEN BURNING                      10          0          3         13         41
        TOTAL (RESIDENTIAL)               33          0          4         78        234

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              33          0          4         78        234

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          912         51        960       1149       8763
            LIGHT DUTY TRUCKS            716         53        932       1140       7522
            HEAVY DUTY VEHICLES           19          3         67         39        929
            OFF HIGHWAY                    3          2         33         89       1124
            TOTAL (GASOLINE)            1650        109       1992       2417      18338

        DIESEL

            HEAVY DUTY VEHICLES           46         25        201         24         72
            OFF HIGHWAY                   14         11        127         20         38
            RAIL                           5         11         72         17         25
            TOTAL (DIESEL)                65         47        400         61        135

    AIRCRAFT

        CIVIL                              1          0          5         15        302
        TOTAL (AIRCRAFT)                   1          0          5         15        302

    VESSELS

        GASOLINE                           0          9         45        992       3536
        TOTAL (VESSELS)                    0          9         45        992       3536

    TOTAL (TRANSPORTATION)              1716        165       2442       3485      22311

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     857          7        202        968       7055
    STRUCTURAL FIRES                       5          0          0          4         24
    GASOLINE STA EVAP LOSS                 0          0          0        324          0
    SOLVENT EVAPORATION LOSS               0          0          0        197          0
    UNPAVED ROADS                        803          0          0          0          0
    TOTAL (MISCELLANEOUS)               1665          7        202       1493       7079

GRAND TOTAL
***********

    AREA SOURCES                        4161        203       2796       6591      34187

    POINT SOURCES                        228        496        177         31         37

    TOTAL                               4389        699       2971       6622      34224
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*** M10 ***
                                                                                                          *** M10 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:05 CALIFORNIA     AQCR:027 NORTHEAST PLATEAU                AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC            CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             1             30             12              0              6
         NATURAL GAS                5              1            176              8             36
         WOOD                    1686             18            133           3499          10400
         TOTAL (RESIDENTIAL)     1692             49            321           3507          10440
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            0              3              1              0              0
         RESIDUAL OIL
            POINT SOURCES           1             18             25              0              2
         NATURAL GAS
            AREA SOURCES            1              0            809            312            109
         WOOD
            POINT SOURCES        1816            145           1318           1195          10647
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1              3            810            312            109
            POINT SOURCES        1817            163           1343           1195          10649
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            POINT SOURCES           7             19             11              0              0
         RESIDUAL OIL
            AREA SOURCES           33             82             95              2              9
         DISTILLATE OIL
            POINT SOURCES           0              4              3              0              1
         NATURAL GAS
            AREA SOURCES            1              0             24              1              5
         LIQUID PETROL GAS
            POINT SOURCES           1             10              7              0              0
         TOTAL (COMM-INST)
            AREA SOURCES           34             82            119              3             14
            POINT SOURCES           8             33             21              0              1
      TOTAL (EXTERNAL COMB)
            AREA SOURCES         1727            134           1250           3822          10563
            POINT SOURCES        1825            196           1364           1195          10650
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES         1727            134           1250           3822          10563
```

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*** M11 ***                                                                                              *** M11 ***
        ON SITE INCINERATION             5215        83       163     14669     44005
        OPEN BURNING                     1902        70       487      2566      8136
        TOTAL (RESIDENTIAL)              7117       153       650     17235     52141

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               49        15        22        30        68
                POINT SOURCES               3         1         3         1         1
        OPEN BURNING
                AREA SOURCES               13         0         5        25        65
        TOTAL (COMM-INST)
                AREA SOURCES               62        15        27        55       133
                POINT SOURCES               3         1         3         1         1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               34         7         7        30        48
                POINT SOURCES             219         6        64       307      2912
        OPEN BURNING
                AREA SOURCES               66         2        24       116       405
        TOTAL (INDUSTRIAL)
                AREA SOURCES              100         9        31       144       453
                POINT SOURCES             219         6        64       307      2912

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             7279       177       708     17434     52727
                POINT SOURCES             239         6       238       311      2925

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        139588      3827     72869    115936   1096473
            LIGHT DUTY TRUCKS           30978      1168     20390     31475    270862
            HEAVY DUTY VEHICLES          4720       300      7859      9296    194532
            OFF HIGHWAY                   306       164      3397      9035    114215
            TOTAL (GASOLINE)           175592      5459    104515    165740   1674082

        DIESEL

            HEAVY DUTY VEHICLES         14527      5206     63065      7997     24986
            OFF HIGHWAY                  3861      3023     36372      5538     10993
            RAIL                          905      2059     13374      3247      4700
            TOTAL (DIESEL)              19293     10288     92811     16782     40679

    AIRCRAFT

        MILITARY                          240        16       123       283       585
        CIVIL                              56        33       251       776     15494
        COMMERCIAL                         93       216      2226      1974      6132
        TOTAL (AIRCRAFT)                  389       265      2600      3031     22211

    VESSELS

        DIESEL FUEL                       556       695      5194      1300      1817
        RESIDUAL OIL                     1594     21009      3452       207       116
        GASOLINE                            0        71       397      8734     31131
        TOTAL (VESSELS)                  2150     21775      9043     10241     33064

    TOTAL (TRANSPORTATION)             197424     37787    208969    195794   1770036
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*** M12 ***
***********
                                                                                                   *** M12 ***
    AREA SOURCES                         7085           415          4949          7247         47346
    POINT SOURCES                        9020         22303         22596         13637        124542
    TOTAL                               16105         22718         27545         20884        171888
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NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:06 COLORADO AQCR:035 GRAND MESA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	128	264	24	85	765
DISTILLATE OIL	0	10	5	0	0
NATURAL GAS	8	1	306	16	62
WOOD	958	10	76	1992	5922
TOTAL (RESIDENTIAL)	1094	285	411	2093	6749
ELEC GENERATION (POINT)					
BITUMINOUS COAL	226	2968	2915	10	84
NATURAL GAS	0	0	80	0	6
TOTAL (ELEC GEN)	226	2968	2995	10	90
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	43	111	86	0	2
RESIDUAL OIL					
AREA SOURCES	0	5	1	0	0
DISTILLATE OIL					
AREA SOURCES	4	71	52	1	13
POINT SOURCES	17	7	12	1	0
NATURAL GAS					
AREA SOURCES	1	0	752	271	98
POINT SOURCES	148	74	109	49	0
PROCESS GAS					
POINT SOURCES	9	1369	191	10	5
COKE					
POINT SOURCES	1	0	1	0	0
LIQUID PETROL GAS					
POINT SOURCES	0	29	2	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	5	76	805	272	111
POINT SOURCES	218	1590	401	60	7
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	1	5	1	0	1
POINT SOURCES	1	3	4	0	0
DISTILLATE OIL					
POINT SOURCES	0	3	1	0	0
NATURAL GAS					
POINT SOURCES	8	1	326	10	77

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*** M14 ***                                                                                   *** M14 ***
              AREA SOURCES            2          0          1          3         10
     OPEN BURNING
              AREA SOURCES            2          0          0          2          4
     TOTAL (INDUSTRIAL)
              AREA SOURCES            4          0          1          5         14

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES         1025         30        161       2039       6243

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES     11177        364       5990      15755     203128
          LIGHT DUTY TRUCKS        3669        173       2546       5861      76076
          HEAVY DUTY VEHICLES       384         30        590       1549      30277
          OFF HIGHWAY                24         12        273        728       9189
          TOTAL (GASOLINE)        15254        579       9399      23893     318670
       DIESEL

          HEAVY DUTY VEHICLES       765        311       1442        840       2078
          OFF HIGHWAY               164        129       1546        235        467
          RAIL                      159        358       2330        566        819
          TOTAL (DIESEL)           1088        798       5318       1641       3364
    AIRCRAFT

       MILITARY                    1170         76        601       1377       2842
       CIVIL                          5          3         23         75       1532
       COMMERCIAL                     5         13        140        126        385
       TOTAL (AIRCRAFT)            1180         92        764       1576       4759
    VESSELS

       GASOLINE                       0          0          7        199        713
       TOTAL (VESSELS)                0          0          7        199        713

   TOTAL (TRANSPORTATION)         17522       1469      15488      27309     327506
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 558          5        132        629       4588
   FOREST MANAGED BURNING           563          5        112        401       3151
   STRUCTURAL FIRES                 121          0         10         90        495
   GASOLINE STA EVAP LOSS             0          0          0       2621          0
   SOLVENT EVAPORATION LOSS           0          0          0       5791          0
   UNPAVED ROADS                 218164          0          0          0          0
   UNPAVED AIRSTRIPS                 22          0          0          0          0
   TOTAL (MISCELLANEOUS)         219428         10        254       9532       8234
GRAND TOTAL
***********

   AREA SOURCES                  239310       1786      18677      41936     350391

   POINT SOURCES                  13020      62774      47961       2179      35976

   TOTAL                         252330      64560      66638      64115     386367
```

```
*** M15 ***
                                                                                                   *** M15 ***
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:07 CONNECTICUT     AQCR:041 EASTERN CONNECTICUT      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX           NOX           VOC            CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            6             13              1              6             43
         BITUMINOUS COAL            0              3              0              0              3
         DISTILLATE OIL           106           1226            767             30            213
         NATURAL GAS                4              0            149              8             30
         WOOD                    7981             84            630          16573          49257
         TOTAL (RESIDENTIAL)     8095           1326           1547          16615          49546
      ELEC GENERATION (POINT)

         RESIDUAL OIL             196           2683           2248             26            168
         DISTILLATE OIL             0              4              3              0              1
         TOTAL (ELEC GEN)         196           2687           2251             26            169
      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES         166           2819           1954             10            177
         DISTILLATE OIL
            AREA SOURCES            3             36             41              1             10
            POINT SOURCES           5             75             21              0              5
         NATURAL GAS
            AREA SOURCES            2              0            144              5             14
            POINT SOURCES           0              0              2              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES            5             36            185              6             26
            POINT SOURCES         171           2894           1977             10            182
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES            6             22              9              0              0
         BITUMINOUS COAL
            AREA SOURCES            0              5              0              0              0
         RESIDUAL OIL
            POINT SOURCES          54            718            515             10             47
         DISTILLATE OIL
            AREA SOURCES           10            150            105              1             26
            POINT SOURCES           4             50             14              0              3
         NATURAL GAS
            AREA SOURCES            2              0             83              5             16
         TOTAL (COMM-INST)
            AREA SOURCES           18            177            197              6             42
```

```
SELECT CARD = <08
                                                              25>
```

```
*** M17 ***
                  AREA SOURCES            231          863          1036           53          321     *** M17 ***
                  POINT SOURCES           252         4195          1874           35          340
          TOTAL (EXTERNAL COMB)
                  AREA SOURCES            588         1280          2124          704         2392
                  POINT SOURCES          1180        12755          5387           61         1307
      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL                5           15            64            5           15
              TOTAL (ELEC GEN)              5           15            64            5           15
          INDUSTRIAL FUEL

              NATURAL GAS                   0            0             5            0            1
              TOTAL (INDUSTRIAL)            0            0             5            0            1
          TOTAL (INTERNAL COMB)             5           15            69            5           16
      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES            588         1280          2124          704         2392
                  POINT SOURCES          1185        12770          5456           66         1323
INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                       9            5             3
     PETROLEUM INDUSTRY                     0            1             2            5            2
     ORGANIC SOLVENT EVAPORATION            0            0             0            0            0
     PETROLEUM STORAGE/TRANSPORT            0            0             0          449            0
     OTHER/NOT CLASSIFIED                   1            0             0          221            0
     TOTAL (INDUSTRIAL)                    10            6             5            0            0
                                                                                  675            2
SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION           460          487           500          145         4846
         TOTAL (GOVERNMENT)               460          487           500          145         4846
     RESIDENTIAL (AREA)

         ON SITE INCINERATION              38            1             1          107          320
         TOTAL (RESIDENTIAL)               38            1             1          107          320
     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                  AREA SOURCES            589          186           279          341          806
         TOTAL (COMM-INST)
                  AREA SOURCES            589          186           279          341          806
     INDUSTRIAL

         ON SITE INCINERATION
                  POINT SOURCES            11            4             5            5           16
         TOTAL (INDUSTRIAL)
                  POINT SOURCES            11            4             5            5           16
     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES            627          187           280          448         1126
                  POINT SOURCES           471          491           505          150         4862
```

```
*** M18 ***                                                                                                              *** M18 ***

SELECT CARD = <10     048                                                                        45>
STATE 10 COUNTY 2100 NOT FOUND IN POINT FILE
STATE 10 COUNTY 4140 NOT FOUND IN POINT FILE
```

```
*** N01 ***                                                                                                   *** N01 ***
     COMM-INSTITUTIONAL

          TOTAL (COMM-INST)             112           101          1603           103          1614

     ENGINE-TESTING

          TOTAL (ENG TESTNG)            614           526          1889          1791          2108

     TOTAL (INTERNAL COMB)            15600         51972       1055329         81585        187401

  TOTAL (FUEL COMBUSTION)

               AREA SOURCES         1085769       1294059       3087934       2778685       6177930
               POINT SOURCES        1847354      20855475      10689249        298692        904547

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            385412        833170        141961        880876       2352825
   FOOD/AGRICULTURAL                 431572          8071          3204         42475           754
   PRIMARY METAL                     385411       1821261         42168         78442       1975261
   SECONDARY METALS                   81631         48861         17003         13585        554218
   MINERAL PRODUCTS                 1244231        498171        223683         33801         70442
   PETROLEUM INDUSTRY                 73913        830253        360383        403299       1290122
   WOOD PRODUCTS                     206032        151235         62607         33391        733969
   ORGANIC SOLVENT EVAPORATION        20276           589          2204       1813509          4522
   PETROLEUM STORAGE/TRANSPORT         7589          5210          1136        885122            77
   METAL FABRICATION                  14686           153           753         12150            26
   TEXTILE MANUFACTURING               2106           846           242         30305            21
   OTHER/NOT CLASSIFIED               51813        175505         22089        167457         42273
   TOTAL (INDUSTRIAL)               2904672       4373325        877413       4394412       7024510

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION          33702          8378          9235          9260        107740
      OPEN BURNING                     7302           425          2775         13409         38571
      OTHER INCINERATION               8993          1622          3074           624           435
      TOTAL (GOVERNMENT)              49997         10425         15084         23293        146746

   RESIDENTIAL (AREA)

      ON SITE INCINERATION           108544          1457          3210        305464        916487
      OPEN BURNING                   239013          8872         61154        322385       1022461
      TOTAL (RESIDENTIAL)            347557         10329         64364        627849       1938948

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES            21136          6501         10045         12280         29189
              POINT SOURCES            6702          4462         16081          6353         16445
      OPEN BURNING
              AREA SOURCES              730            11           189          1401          3468
              POINT SOURCES              80             1            19           112           643
      TOTAL (COMM-INST)
              AREA SOURCES            21866          6512         10236         13681         32657
              POINT SOURCES            6782          4463         16100          6465         17088

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES             4792           805           805          4436          7005
              POINT SOURCES           25905         23700         15482         35142        215363
      OPEN BURNING
```

*** NO2 *** *** NO2 ***

HEAVY DUTY VEHICLES	1234	527	4809	667	2058
OFF HIGHWAY	173	137	1631	248	493
RAIL	283	643	4175	1013	1468
TOTAL (DIESEL)	1690	1307	10615	1928	4019
AIRCRAFT					
MILITARY	2894	188	1486	3404	7028
CIVIL	2	1	15	47	942
COMMERCIAL	2	6	57	51	158
TOTAL (AIRCRAFT)	2898	195	1558	3502	8128
VESSELS					
GASOLINE	0	7	38	826	2942
TOTAL (VESSELS)	0	7	38	826	2942
TOTAL (TRANSPORTATION)	16124	2040	24097	21377	173075
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	3302	29	778	3732	27200
FOREST MANAGED BURNING	2399	19	480	1713	13431
AGRICULTURAL BURNING	220	0	31	203	1459
STRUCTURAL FIRES	127	0	13	95	515
GASOLINE STA EVAP LOSS	0	0	0	2595	0
SOLVENT EVAPORATION LOSS	0	0	0	6366	0
UNPAVED ROADS	33412	0	0	0	0
TOTAL (MISCELLANEOUS)	39460	48	1302	14704	42605
GRAND TOTAL ***********					
AREA SOURCES	60414	6610	32293	46534	242600
POINT SOURCES	4478	7686	3377	2626	39766
TOTAL	64892	14296	35670	49160	282366

```
*** N03 ***                                                                                        *** N03 ***

                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:01 ALABAMA        AQCR:006 SOUTHEAST ALABAMA               AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               10             50               1               7              58
         DISTILLATE OIL                 0             10               5               0               1
         NATURAL GAS                    6              0             179               9              35
         WOOD                        1439             16             114            2986            8877
         TOTAL (RESIDENTIAL)         1455             76             299            3002            8971

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               37            212              49               0              17
         OTHER                         41              2              41              25              58
         TOTAL (ELEC GEN)              78            214              90              25              75

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              174           1750             347               1              45
         RESIDUAL OIL
            POINT SOURCES               1              7               1               0               0
         NATURAL GAS
            AREA SOURCES                7              1            2530             915             335
            POINT SOURCES               0              0               5               0               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              181           1751            2877             916             380
            POINT SOURCES               1              7               6               0               1

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                1              8               1               0               0
         BITUMINOUS COAL
            AREA SOURCES               10             65               8               0               5
         RESIDUAL OIL
            POINT SOURCES               3             38               5               0               0
         DISTILLATE OIL
            AREA SOURCES                2             46              32               0               8
            POINT SOURCES               0             33               5               0               1
         NATURAL GAS
            AREA SOURCES                1              0              76               3              16
            POINT SOURCES               0              0              15               1               3
         WOOD
            POINT SOURCES              31              6              30              75             177
         TOTAL (COMM-INST)
```

DIESEL FUEL	26	32	239	60	83
GASOLINE	0	0	2	54	193
TOTAL (VESSELS)	26	32	241	114	276
TOTAL (TRANSPORTATION)	6872	748	10495	10307	100359
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	5	0	1	5	39
FOREST MANAGED BURNING	35	0	7	25	196
STRUCTURAL FIRES	42	0	3	31	170
GASOLINE STA EVAP LOSS	0	0	0	806	0
SOLVENT EVAPORATION LOSS	0	0	0	1719	0
UNPAVED ROADS	407922	0	0	0	0
UNPAVED AIRSTRIPS	360	0	0	0	0
TOTAL (MISCELLANEOUS)	408364	0	11	2586	405
GRAND TOTAL ***********					
AREA SOURCES	415967	1011	12386	14352	105321
POINT SOURCES	446	123	14166	9992	2978
TOTAL	416413	1134	26552	24344	108299

AREA SOURCES	4	0	147	7	30
POINT SOURCES	34	7	1403	110	248
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
OTHER					
POINT SOURCES	1	1	4	0	0
TOTAL (COMM-INST)					
AREA SOURCES	21	272	222	8	42
POINT SOURCES	100	193	1625	111	254
TOTAL (EXTERNAL COMB)					
AREA SOURCES	8756	20300	35054	19907	36710
POINT SOURCES	12159	108948	105620	795	5946
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	10	110	240	45	41
NATURAL GAS	74	95	2394	163	491
TOTAL (ELEC GEN)	84	205	2634	208	532
INDUSTRIAL FUEL					
DISTILLATE OIL	34	115	479	32	104
NATURAL GAS	20	1	3555	87	509
TOTAL (INDUSTRIAL)	54	116	4034	119	613
ENGINE-TESTING					
TOTAL (ENG TESTNG)	31	43	418	34	5
TOTAL (INTERNAL COMB)	169	364	7086	361	1150
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	8756	20300	35054	19907	36710
POINT SOURCES	12328	109312	112706	1156	7096
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	352	30654	1692	799	28104
FOOD/AGRICULTURAL	4139	2	0	43	0
PRIMARY METAL	9864	848387	0	0	0
SECONDARY METALS	112	16	318	12	1249
MINERAL PRODUCTS	15431	12039	3772	182	1314
PETROLEUM INDUSTRY	371	203	39	50	2530
WOOD PRODUCTS	65	1439	373	0	9661
ORGANIC SOLVENT EVAPORATION	5	1	1	4139	11
PETROLEUM STORAGE/TRANSPORT	0	0	0	1546	0
OTHER/NOT CLASSIFIED	19	620	57	2	1484
TOTAL (INDUSTRIAL)	30358	893361	6252	6771	44353
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	2491	156	934	4671	13236
TOTAL (GOVERNMENT)	2491	156	934	4671	13236
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1983	31	61	5578	16729
OPEN BURNING	1613	61	411	2175	6905

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*** N06 ***
SELECT CARD = <03    015                                                                     45>          *** N06 ***
```

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INDUSTRIAL PROCESS (POINT)                                                                                  *** N07 ***
**************************

    FOOD/AGRICULTURAL                     382          0          0          0          0
    PRIMARY METAL                         376         15          0        251         92
    SECONDARY METALS                        0          0          0         56          0
    MINERAL PRODUCTS                      168          1          8          1          2
    ORGANIC SOLVENT EVAPORATION            96          0          0       4636          0
    TOTAL (INDUSTRIAL)                   1022         16          8       4944         94

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               69          0          2        192        577
        OPEN BURNING                      513         18        132        692       2194
        TOTAL (RESIDENTIAL)               582         18        134        884       2771

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               17          5          9          9         23
        TOTAL (COMM-INST)
                AREA SOURCES               17          5          9          9         23

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                7          1          1          7         11
        OPEN BURNING
                AREA SOURCES                6          0          3          9         30
        TOTAL (INDUSTRIAL)
                AREA SOURCES               13          1          4         16         41

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              612         24        147        909       2835

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          4093        150       3176       4035      40961
            LIGHT DUTY TRUCKS            1784         91       1842       2315      20493
            HEAVY DUTY VEHICLES           386         29        928       1212      19027
            OFF HIGHWAY                    18          9        194        518       6537
            TOTAL (GASOLINE)             6281        279       6140       8080      87018

        DIESEL

            HEAVY DUTY VEHICLES          2491       1058       9657       1349       4160
            OFF HIGHWAY                   271        213       2556        390        773
            RAIL                          192        436       2832        688        995
            TOTAL (DIESEL)               2954       1707      15045       2427       5928

    AIRCRAFT

        MILITARY                           43          3         22         50        103
        CIVIL                               3          2         14         41        821
        COMMERCIAL                          8         18        191        171        529
        TOTAL (AIRCRAFT)                   54         23        227        262       1453

    VESSELS
```

```
*** N08 ***
                                                                                                    *** N08 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:04 ARKANSAS        AQCR:021 NORTHWEST ARKANSAS    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                       POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                          PARTICULATES         SOX            NOX            VOC             CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              0              8              6              0              2
            NATURAL GAS                 6              0            233             12             47
            WOOD                     3839             39            304           7968          23683
            TOTAL (RESIDENTIAL)      3845             47            543           7980          23732
        ELEC GENERATION (POINT)

            RESIDUAL OIL                6            339             76              0              0
            TOTAL (ELEC GEN)            6            339             76              0              0
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           32            313             60              0              7
            DISTILLATE OIL
                AREA SOURCES            5             59             65              0             18
            NATURAL GAS
                AREA SOURCES            2              0           1696            633            226
                POINT SOURCES           0              0              1              0              0
            WOOD
                POINT SOURCES         254              6             73             83            195
            TOTAL (INDUSTRIAL)
                AREA SOURCES           39            372           1821            633            251
                POINT SOURCES         254              6             74             83            195
        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES            1             30              8              0              0
            DISTILLATE OIL
                AREA SOURCES            1             33             21              0              2
            NATURAL GAS
                AREA SOURCES            1              0             97              2             16
            TOTAL (COMM-INST)
                AREA SOURCES            3             63            126              2             18
        TOTAL (EXTERNAL COMB)
                AREA SOURCES         3887            482           2490           8615          24001
                POINT SOURCES         260            345            150             83            195
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES         3887            482           2490           8615          24001
```

```
*** N09 ***                                                                                                  *** N09 ***
SELECT CARD = <05    024                                                            45>
```

*** N10 *** *** N10 ***

POINT SOURCES	1825	196	1364	1195	10650
INDUSTRIAL PROCESS (POINT)					
**************************					
FOOD/AGRICULTURAL	61	0	0	0	0
SECONDARY METALS	245	0	0	0	0
MINERAL PRODUCTS	69	2	1	3	1
WOOD PRODUCTS	180	0	0	14	0
TOTAL (INDUSTRIAL)	555	2	1	17	1
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OPEN BURNING	20	1	8	54	109
TOTAL (GOVERNMENT)	20	1	8	54	109
RESIDENTIAL (AREA)					
ON SITE INCINERATION	25	0	1	70	212
OPEN BURNING	9	0	3	13	42
TOTAL (RESIDENTIAL)	34	0	4	83	254
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
POINT SOURCES	48	1	7	76	276
TOTAL (COMM-INST)					
POINT SOURCES	48	1	7	76	276
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	551	4	66	532	5573
TOTAL (INDUSTRIAL)					
POINT SOURCES	551	4	66	532	5573
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	34	0	4	83	254
POINT SOURCES	619	6	81	662	5958
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1536	127	2495	2723	18163
LIGHT DUTY TRUCKS	982	105	1878	2125	12005
HEAVY DUTY VEHICLES	123	19	584	263	6484
OFF HIGHWAY	10	5	116	309	3901
TOTAL (GASOLINE)	2649	256	5073	5420	40553
DIESEL					
HEAVY DUTY VEHICLES	195	115	907	102	302
OFF HIGHWAY	49	39	463	71	140
RAIL	19	42	277	67	98
TOTAL (DIESEL)	263	196	1647	240	540
AIRCRAFT					
MILITARY	1	0	0	1	2

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	1305	11	307	1476	10746
FOREST MANAGED BURNING	30	0	6	21	164
AGRICULTURAL BURNING	51	0	7	47	337
STRUCTURAL FIRES	1334	0	127	997	5422
GASOLINE STA EVAP LOSS	0	0	0	21956	0
SOLVENT EVAPORATION LOSS	0	0	0	83755	0
UNPAVED ROADS	43138	0	0	0	0
UNPAVED AIRSTRIPS	259	0	0	0	0
TOTAL (MISCELLANEOUS)	46117	11	447	108250	16669

GRAND TOTAL
****

AREA SOURCES	256121	43172	229318	331439	1863366
POINT SOURCES	9751	51756	104436	66170	20296
TOTAL	265872	94928	333754	397609	1883662

SELECT CARD = <06

25>

```
         TOTAL (COMM-INST)
                 AREA SOURCES              1          5          1          0          1
                 POINT SOURCES             9          7        331         10         77
       TOTAL (EXTERNAL COMB)
                 AREA SCURCES           1100        366       1217       2365       6861
                 POINT SOURCES           453       4565       3727         80        174
   INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                  0          0          1          0          0
           NATURAL GAS                     1          0         39          1         11
           TOTAL (ELEC GEN)                1          0         40          1         11
       INDUSTRIAL FUEL

           NATURAL GAS                     0          0         41          1          5
           TOTAL (INDUSTRIAL)              0          0         41          1          5
      TOTAL (INTERNAL COMB)                1          0         81          2         16
   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           1100        366       1217       2365       6861
                 POINT SOURCES           454       4565       3808         82        190
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 7        833          0          0          0
    FOOD/AGRICULTURAL                      1          0          0          0          0
    PRIMARY METAL                          7          0          0          0          0
    SECONDARY METALS                       2          0          0          0         29
    MINERAL PRODUCTS                     410         17         52         19         38
    PETROLEUM INDUSTRY                    38         24          2        310        452
    ORGANIC SOLVENT EVAPORATION            0          0          0         30          0
    OTHER/NOT CLASSIFIED                   4        355          0          1          4
    TOTAL (INDUSTRIAL)                   469       1229         54        360        523
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             140          1          5        393       1182
        OPEN BURNING                     159          4         40        214        677
        TOTAL (RESIDENTIAL)              299          5         45        607       1859
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES              2          0          1          1          4
                 POINT SOURCES            30          1          6         43        493
        TOTAL (COMM-INST)
                 ARE' SOURCES              2          0          1          1          4
                 POINT SOURCES            30          1          6         43        493
    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            301          5         46        608       1863
                 POINT SOURCES            30          1          6         43        493
TRANSPORTATION (AREA)
*********************
```

```
*** N14 ***
                                                                                                  *** N14 ***
SELECT CARD = <06    039                                                              45>
STATE 06 COUNTY 0460 NOT FOUND IN POINT FILE
```

```
              POINT SOURCES                58          768          529           10           50
        TOTAL (EXTERNAL COMB)
              AREA SOURCES               8118         1539         1929        16627        49612
              POINT SOURCES               425         6349         4757           46          401
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                   1            1           16            1            3
           TOTAL (ELEC GEN)                 1            1           16            1            3

        TOTAL (INTERNAL COMB)               1            1           16            1            3

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES               8118         1539         1929        16627        49612
              POINT SOURCES               426         6350         4773           47          404
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING               199            1           17          831          245
     FOOD/AGRICULTURAL                      2            0            0            0            0
     MINERAL PRODUCTS                     369           12            7           13            7
     WOOD PRODUCTS                         14            0            0            0            0
     ORGANIC SOLVENT EVAPORATION            1            0            0        13086            0
     PETROLEUM STORAGE/TRANSPORT            0            0            0           26            0
     TEXTILE MANUFACTURING                 16            0            0          326            0
     OTHER/NOT CLASSIFIED                  10            0            0          153            0
     TOTAL (INDUSTRIAL)                   611           13           24        14433          252
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION              124            2            4          349         1046
        OPEN BURNING                      202            7           52          272          865
        TOTAL (RESIDENTIAL)               326            9           56          621         1911
     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              POINT SOURCES                 8           13           15           15           51
        TOTAL (COMM-INST)
              POINT SOURCES                 8           13           15           15           51
     INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES                23            4            3           23           30
        TOTAL (INDUSTRIAL)
              POINT SOURCES                23            4            3           23           30
     TOTAL (SOLID WASTE DISP)
              AREA SOURCES                326            9           56          621         1911
              POINT SOURCES                31           17           18           38           81
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************
STATE EMISSIONS REPORT
**********************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE 08:DELAWARE                                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                   POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                         PARTICULATES        SOX           NOX           VOC            CO
                         ************    ************  ************  ************  ************
                          TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

     RESIDENTIAL FUEL (AREA)

        ANTHRACITE COAL           4               7             1             4            27
        DISTILLATE OIL           68             778           487            19           135
        NATURAL GAS              12               2           418            22            84
        WOOD                   3177              33           250          6596         19604
        TOTAL (RESIDENTIAL)    3261             820          1156          6641         19850
     ELEC GENERATION (POINT)

        BITUMINOUS COAL         374           48797         31280            64           552
        RESIDUAL OIL           1665           21744          7791            89           581
        DISTILLATE OIL            3             209            85             0            18
        NATURAL GAS               8               1          1164             5            98
        PROCESS GAS               0               0           176             0            13
        OTHER                    24            2414           667             2            19
        TOTAL (ELEC GEN)       2074           73165         41163           160          1281
     INDUSTRIAL FUEL

        ANTHRACITE COAL
           AREA SOURCES           6              49            25             0             1
        BITUMINOUS COAL
           POINT SOURCES       1631            7818          1888             6            54
        RESIDUAL OIL
           POINT SOURCES        629 .          8711          2762            13           251
        DISTILLATE OIL
           POINT SOURCES         23             499           231             2            57
        NATURAL GAS
           AREA SOURCES          11               2           488            10           122
           POINT SOURCES         87              88           674            14           106
        PROCESS GAS
           POINT SOURCES          1               0            45             1            11
        TOTAL (INDUSTRIAL)
           AREA SOURCES          17              51           513            10           123
           POINT SOURCES       2371           17116          5600            36           479
     COMM-INSTITUTIONAL FUEL

        ANTHRACITE COAL
           AREA SOURCES          10              33            11             0             1
        RESIDUAL OIL
           AREA SOURCES         585            6916          1709            34           156
```

```
*** H17 ***
TRANSPORTATION (AREA)                                                                                *** H17 ***
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          15506          411          8699         13829         152587
         LIGHT DUTY TRUCKS             1127           41           805          1248          12261
         HEAVY DUTY VEHICLES            758           47          1366          2297          35585
         OFF HIGHWAY                     41           22           453          1205          15237
         TOTAL (GASOLINE)             17432          521         11303         18579         215670

      DIESEL

         HEAVY DUTY VEHICLES            990          349          3255           565           1706
         OFF HIGHWAY                     39           31           371            57            112
         RAIL                             9           20           131            32             46
         TOTAL (DIESEL)                1038          400          3757           634           1864

   AIRCRAFT

      MILITARY                           70            5            36            83            171
      CIVIL                               2            1             8            25            493
      COMMERCIAL                         60          139          1439          1276           3963
      TOTAL (AIRCRAFT)                  132          145          1483          1384           4627

   VESSELS

      GASOLINE                            0            2            10           218            775
      TOTAL (VESSELS)                     0            2            10           218            775

   TOTAL (TRANSPORTATION)             18602         1068         16553         20815         222936

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                     216            0            20           162            881
   GASOLINE STA EVAP LOSS                 0            0             0          1707              0
   SOLVENT EVAPORATION LOSS               0            0             0          6491              0
   TOTAL (MISCELLANEOUS)                216            0            20          8360            881

GRAND TOTAL
***********

   AREA SOURCES                       20033         2535         18977         30327         227335

   POINT SOURCES                       1666        13267          5966           891           6187

   TOTAL                              21699        15802         24943         31218         233522
```

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A01...                                A04...STATE:01 ALABAMA    AQCR:006    A07...STATE:03 ARIZONA      AQCR:015
B01...                                B04...STATE:01 ALABAMA    AQCR:006    B07...STATE:03 ARIZONA      AQCR:015
C01...                                C04...STATE:01 ALABAMA    AQCR:007    C07...STATE:03 ARIZONA      AQCR:015
D01...                                D04...STATE:01 ALABAMA    AQCR:007    D07...STATE:03 ARIZONA      AQCR:015
E01...                                E04...STATE:01 ALABAMA    AQCR:007    E07...STATE 04:ARKANSAS
F01...                                F04...STATE:01 ALABAMA    AQCR:007    F07...STATE 04:ARKANSAS
G01...                                G04...STATE 02:ALASKA                 G07...STATE 04:ARKANSAS
H01...                                H04...STATE 02:ALASKA                 H07...STATE 04:ARKANSAS
I01...                                I04...STATE 02:ALASKA                 I07...STATE:04 ARKANSAS     AQCR:016
J01...                                J04...STATE 02:ALASKA                 J07...STATE:04 ARKANSAS     AQCR:016
K01...                                K04...STATE 02:ALASKA                 K07...STATE:04 ARKANSAS     AQCR:016
L01...UNITED STATES                   L04...STATE:02 ALASKA     AQCR:008    L07...STATE:04 ARKANSAS     AQCR:016
M01...UNITED STATES                   M04...STATE:02 ALASKA     AQCR:008    M07...STATE:04 ARKANSAS     AQCR:017
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A02...UNITED STATES                   A05...STATE:02 ALASKA     AQCR:009    A08...STATE:04 ARKANSAS     AQCR:017
B02...UNITED STATES                   B05...STATE:02 ALASKA     AQCR:009    B08...STATE:04 ARKANSAS     AQCR:018
C02...STATE 01:ALABAMA                C05...STATE:02 ALASKA     AQCR:009    C08...STATE:04 ARKANSAS     AQCR:018
D02...STATE 01:ALABAMA                D05...STATE:02 ALASKA     AQCR:009    D08...STATE:04 ARKANSAS     AQCR:018
E02...STATE 01:ALABAMA                E05...STATE:02 ALASKA     AQCR:010    E08...STATE:04 ARKANSAS     AQCR:018
F02...STATE 01:ALABAMA                F05...STATE:02 ALASKA     AQCR:010    F08...STATE:04 ARKANSAS     AQCR:019
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M02...STATE:01 ALABAMA    AQCR:002    M05...STATE 03:ARIZONA                M08...STATE:04 ARKANSAS     AQCR:020
N02...STATE:01 ALABAMA    AQCR:002    N05...STATE 03:ARIZONA                N08...STATE:04 ARKANSAS     AQCR:021
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C03...STATE:01 ALABAMA    AQCR:003    C06...STATE:03 ARIZONA    AQCR:012    C09...STATE:04 ARKANSAS     AQCR:022
D03...STATE:01 ALABAMA    AQCR:003    D06...STATE:03 ARIZONA    AQCR:012    D09...STATE:04 ARKANSAS     AQCR:022
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H03...STATE:01 ALABAMA    AQCR:004    H06...STATE:03 ARIZONA    AQCR:013    H09...STATE 05:CALIFORNIA
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O03...STATE:01 ALABAMA    AQCR:006    O06...STATE:03 ARIZONA    AQCR:015    O09...STATE:05 CALIFORNIA   AQCR:024


                    FICHE/SEGMT     2     2 CKPT:    0,    0,    0,    0,    0
```

*** 001 ***

*** 001 ***

AREA SOURCES	3880	70	1517	6483	22526
POINT SOURCES	2146	79	840	6310	24316
TOTAL (INDUSTRIAL)					
AREA SOURCES	8672	875	2322	10919	29531
POINT SOURCES	28051	23779	16322	41452	239679
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	378095	17716	76920	652449	2001136
POINT SOURCES	84830	38667	47506	71210	403513
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4340462	158094	3312592	4354817	44548028
LIGHT DUTY TRUCKS	1061990	58223	1135383	1391918	12519091
HEAVY DUTY VEHICLES	235543	19662	606587	729534	11882369
OFF HIGHWAY	12979	6879	145390	386774	4889386
TOTAL (GASOLINE)	5650974	242858	5199952	6863043	73838874
DIESEL					
HEAVY DUTY VEHICLES	626868	267148	2359026	354700	1087079
OFF HIGHWAY	93944	73536	884439	134745	267344
RAIL	53030	120559	782244	189909	274902
TOTAL (DIESEL)	773842	461243	4025709	679354	1629325
AIRCRAFT					
MILITARY	68395	4416	35107	80455	166114
CIVIL	1641	791	8418	26119	523739
COMMERCIAL	3416	7886	81955	72644	225676
TOTAL (AIRCRAFT)	73452	13093	125480	179218	915529
VESSELS					
BITUMINOUS COAL	3531	3648	177	589	5295
DIESEL FUEL	12632	15810	118036	29527	41313
RESIDUAL OIL	14239	187616	30828	1842	1028
GASOLINE	0	3011	17855	392865	1400373
TOTAL (VESSELS)	30402	210085	166896	424823	1448009
TOTAL (TRANSPORTATION)	6528670	927279	9518037	8146438	77831737
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	483496	4070	113769	546055	3981659
FOREST MANAGED BURNING	430740	3184	86151	307957	2411989
AGRICULTURAL BURNING	71591	0	10145	66013	475771
STRUCTURAL FIRES	57820	0	5208	43180	234940
GASOLINE STA EVAP LOSS	0	0	0	973664	0
SOLVENT EVAPORATION LOSS	0	0	0	3381973	0
UNPAVED ROADS	28225321	0	0	0	0
UNPAVED AIRSTRIPS	8596	0	0	0	0
TOTAL (MISCELLANEOUS)	29277564	7254	215273	5318842	7104359
GRAND TOTAL					
***********					
AREA SOURCES	37270098	2246308	12898164	16896414	93115162
POINT SOURCES	4836856	25267467	11614168	4764314	8332570

```
*** 002 ***                                                                                              *** 002 ***

SELECT CARD = <01     003                                                            45>
STATE 01 COUNTY 0840 NOT FOUND IN POINT FILE
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```
*** 003 ***                                                                                      *** 003 ***
                AREA SOURCES                 16          119          117            3           29
                POINT SOURCES                34           77           55           76          181
       TOTAL (EXTERNAL COMB)
                AREA SOURCES               1650         1946         3293         3921         9380
                POINT SOURCES               113          298          151          101          257
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1650         1946         3293         3921         9380
                POINT SOURCES               113          298          151          101          257
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  128          289            0            0            0
    FOOD/AGRICULTURAL                         5            0            0            0            0
    MINERAL PRODUCTS                        305            6            3            6            3
    WOOD PRODUCTS                           532            0            0          199            0
    ORGANIC SOLVENT EVAPORATION               0            0            0          227            0
    PETROLEUM STORAGE/TRANSPORT               0            0            0           14            0
    OTHER/NOT CLASSIFIED                      0            0            0            6            0
    TOTAL (INDUSTRIAL)                      970          295            3          452            3
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                153            2            4          429         1286
        OPEN BURNING                        545           20          139          733         2328
        TOTAL (RESIDENTIAL)                 698           22          143         1162         3614
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                 0            0            1            0            0
        OPEN BURNING
                AREA SOURCES                  8            0            1           15           33
        TOTAL (COMM-INST)
                AREA SOURCES                  8            0            1           15           33
                POINT SOURCES                 0            0            1            0            0
    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                 12            0            6           18           60
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 12            0            6           18           60
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                718           22          150         1195         3707
                POINT SOURCES                 0            0            1            0            0
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            4733          213         4717         5634        53093
            LIGHT DUTY TRUCKS              1321           82         1684         1982        16376
            HEAVY DUTY VEHICLES             364           35         1085         1152        18357
            OFF HIGHWAY                      14            7          158          419         5302
            TOTAL (GASOLINE)               6432          337         7644         9187        93128
```

```
SELECT CARD = <02    009                                                    45>
```

```
*** 005 ***
      TOTAL (RESIDENTIAL)              3596        92       472      7753     23634   *** 005 ***
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES              111        33        51        64       155
              POINT SOURCES               0         0         1        23       433
      OPEN BURNING
              AREA SOURCES               11         0         3        23        59
              POINT SOURCES               2         1         1         4        11
      TOTAL (COMM-INST)
              AREA SOURCES              122        33        54        87       214
              POINT SOURCES               2         1         2        27       444
   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES              499       100       100       451       669
              POINT SOURCES              60         1         9        95      1131
      OPEN BURNING
              AREA SOURCES              366        12       117       601      2113
              POINT SOURCES               1         1         1         2         6
      TOTAL (INDUSTRIAL)
              AREA SOURCES              865       112       217      1052      2782
              POINT SOURCES              61         2        10        97      1135
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             4563       237       743      8892     26630
              POINT SOURCES            2554       159       946      4795     14815
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          56133      1845     37044     55175    576132
         LIGHT DUTY TRUCKS            20868       987     17896     25528    247587
         HEAVY DUTY VEHICLES           2254       168      4972      6727    106035
         OFF HIGHWAY                    143        74      1567      4175     52769
         TOTAL (GASOLINE)             79398      3074     61479     91605    982523
      DIESEL

         HEAVY DUTY VEHICLES          10361      4128     37930      5649     17510
         OFF HIGHWAY                   1004       789      9459      1440      2857
         RAIL                           698      1586     10309      2503      3623
         TOTAL (DIESEL)               12063      6503     57698      9592     23990
   AIRCRAFT

      MILITARY                         2500       161      1284      2941      6072
      CIVIL                              30        17       139       430      8633
      COMMERCIAL                         66       153      1588      1408      4372
      TOTAL (AIRCRAFT)                 2596       331      3011      4779     19077
   VESSELS

      GASOLINE                            0        42       244      5329     18998
      TOTAL (VESSELS)                     0        42       244      5329     18998
   TOTAL (TRANSPORTATION)             94057      9950    122432    111305   1044588
MISCELLANEOUS (AREA)
********************
```

```
*** 006 ***
                                                                                                    *** 006 ***
                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:         MONDAY   NOVEMBER 28, 1983
STATE:03 ARIZONA       AQCR:015 PHOENIX-TUCSON                      AREA EMISSIONS AS OF:       TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                              PARTICULATES       SOX            NOX             VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                  36              7           1126             59            226
         WOOD                       1054             10             84           2189           6507
         TOTAL (RESIDENTIAL)        1088             17           1210           2248           6733

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 53            925            291              5             18
         DISTILLATE OIL                0              2              1              0              0
         NATURAL GAS                 128             56          12662             46            813
         TOTAL (ELEC GEN)            181            983          12954             51            831

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            2992          16388           8152             29           1050
         RESIDUAL OIL
            POINT SOURCES             96           2130            353              2             32
         DISTILLATE OIL
            AREA SOURCES              74           1115            838             27            200
            POINT SOURCES              3             28             30              0              7
         NATURAL GAS
            AREA SOURCES              25              5          19445           7736           2642
            POINT SOURCES             47            235           1296             10             99
         OTHER
            POINT SOURCES              0              2             17              1              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES            3091          17508          28435           7792           3892
            POINT SOURCES            146           2395           1696             13            141

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              13            172             37              1              4
         DISTILLATE OIL
            AREA SOURCES               3             65             29              0              8
         NATURAL GAS
            AREA SOURCES               3              0            106              6             21
            POINT SOURCES              0              0              9             49              2
         LIQUID PETROL GAS
            POINT SOURCES              0              0              1              0              0
         TOTAL (COMM-INST)
            AREA SOURCES              19            237            172              7             33
            POINT SOURCES              0              0             10             49              2
```

```
          DIESEL FUEL                     0          0          4          2          2
          GASOLINE                        0          2         12        258        919
          TOTAL (VESSELS)                 0          2         16        260        921

      TOTAL (TRANSPORTATION)           9289       2011      21428      11029      95320

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                  295          4         68        333       2430
      FOREST MANAGED BURNING            212          1         43        152       1186
      STRUCTURAL FIRES                   66          0          6         51        271
      GASOLINE STA EVAP LOSS              0          0          0       1454          0
      SOLVENT EVAPORATION LOSS            0          0          0       6706          0
      UNPAVED ROADS                   76213          0          0          0          0
      TOTAL (MISCELLANEOUS)           76786          5        117       8696       3887

GRAND TOTAL
***********

      AREA SOURCES                    87437       3233      26747      23409     106524

      POINT SOURCES                    2012      11924       7513       5016        665

      TOTAL                           89449      15157      34260      28425     107189
```

POINT SOURCES	260	345	150	83	195
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	4278	0	0	3780	3423
FOOD/AGRICULTURAL	78	0	0	0	0
MINERAL PRODUCTS	1459	1	10	1	3
WOOD PRODUCTS	2	0	0	0	0
TOTAL (INDUSTRIAL)	5817	1	10	3781	3426
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	46	0	0	135	408
OPEN BURNING	441	18	111	590	1879
TOTAL (RESIDENTIAL)	487	18	111	725	2287
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	4	0	3	3	13
TOTAL (COMM-INST) AREA SOURCES	4	0	3	3	13
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	6	0	0	6	12
TOTAL (INDUSTRIAL) AREA SOURCES	6	0	0	6	12
TOTAL (SOLID WASTE DISP) AREA SOURCES	497	18	114	734	2312
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2171	138	3075	2997	26046
LIGHT DUTY TRUCKS	1465	132	2666	2503	18903
HEAVY DUTY VEHICLES	193	24	817	671	10870
OFF HIGHWAY	11	2	140	369	4657
TOTAL (GASOLINE)	3840	296	6698	6540	60476
DIESEL					
HEAVY DUTY VEHICLES	623	338	3035	326	984
OFF HIGHWAY	416	323	3900	592	1178
RAIL	165	375	2431	592	853
TOTAL (DIESEL)	1204	1036	9366	1510	3015
AIRCRAFT					
CIVIL	0	0	13	39	750
TOTAL (AIRCRAFT)	0	0	13	39	750
VESSELS					
DIESEL FUEL	0	0	6	3	3
GASOLINE	0	21	131	2870	10226

```
*** 009 ***
                                                                                                   *** 009 ***
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:      MONDAY   NOVEMBER 28, 1983
STATE:05 CALIFORNIA       AQCR:024 METROPOLITAN LOS ANGELES          AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                                PARTICULATES        SOX             NOX             VOC             CO
                                ************    ************    ************    ************    ************
                                 TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                1              23               9               0               2
            NATURAL GAS                 320              63           10670             566            2133
            WOOD                       3811              39             302            7910           23510
            TOTAL (RESIDENTIAL)        4132             125           10981            8476           25645
        ELEC GENERATION (POINT)

            RESIDUAL OIL               6411           23987           36816            2397            1843
            DISTILLATE OIL               71             231              98               9              12
            NATURAL GAS                1542             106           70320            1353            2847
            TOTAL (ELEC GEN)           8024           24326          107234            3759            4702
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           2932            9881            4915              17             633
            RESIDUAL OIL
                POINT SOURCES           245            1846             733              67              93
            DISTILLATE OIL
                POINT SOURCES          1385           14257            7682             510             851
            NATURAL GAS
                AREA SOURCES             30               6           16809            6485            2261
                POINT SOURCES           640             244            9980            1026            1363
            PROCESS GAS
                POINT SOURCES           382            1682            4040             637            1724
            OTHER
                POINT SOURCES           177            3120             453              60             266
            TOTAL (INDUSTRIAL)
                AREA SOURCES           2962            9887           21724            6502            2896
                POINT SOURCES          2829           21149           22888            2300            4297
        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES           1109            2814            3244              65             295
                POINT SOURCES            27             514              88               6               6
            DISTILLATE OIL
                POINT SOURCES           282            4735            1966             100             199
            NATURAL GAS
                AREA SOURCES            117              26            3933             208             786
                POINT SOURCES           186              35            2884             357             811
            OTHER
                POINT SOURCES            34             231             262              10              39
```

```
*** 010 ***                                                                                     *** 010 ***
        CIVIL                               1          0          7         20        403
        COMMERCIAL                          1          3         29         26         80
        TOTAL (AIRCRAFT)                    3          3         36         47        485

    VESSELS

        GASOLINE                            0         21        119       2607       9293
        TOTAL (VESSELS)                     0         21        119       2607       9293

    TOTAL (TRANSPORTATION)               2915        476       6875       8314      50871

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2571         23        606       2905      21180
    FOREST MANAGED BURNING                201          2         40        144       1125
    STRUCTURAL FIRES                        6          0          0          5         26
    GASOLINE STA EVAP LOSS                  0          0          0        764          0
    SOLVENT EVAPORATION LOSS                0          0          0       2667          0
    UNPAVED ROADS                        2356          0          0          0          0
    UNPAVED AIRSTRIPS                      10          0          0          0          0
    TOTAL (MISCELLANEOUS)                5144         25        646       6485      22331

GRAND TOTAL
***********

    AREA SOURCES                         9820        635       8775      18704      84019

    POINT SOURCES                        2999        204       1446       1874      16609

    TOTAL                               12819        839      10221      20578     100628
```

*** 011 ***

*** 011 ***

SELECT CARD = <05 031 45>

```
*** 012 ***
                                                                                    *** 012 ***
                              NATIONAL EMISSIONS DATA SYSTEM
                              ******************************

                              ENVIRONMENTAL PROTECTION AGENCY
                              *******************************
STATE EMISSIONS REPORT
******************************
STATE 06:COLORADO                                             RUN DATE:   MONDAY  NOVEMBER 28, 1983
                                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
```

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	294	603	52	194	1752
DISTILLATE OIL	2	95	35	0	7
NATURAL GAS	123	20	4234	223	849
WOOD	9109	96	719	18917	56236
TOTAL (RESIDENTIAL)	9528	812	5040	19334	58844
ELEC GENERATION (POINT)					
BITUMINOUS COAL	10830	67588	125303	415	3946
RESIDUAL OIL	1	101	98	1	7
DISTILLATE OIL	2	44	52	0	11
NATURAL GAS	42	3	4170	25	243
OTHER	2	0	1	1	1
TOTAL (ELEC GEN)	10877	67736	129624	442	4208
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	3149	7237	6502	41	432
LIGNITE					
POINT SOURCES	1	0	0	0	0
RESIDUAL OIL					
AREA SOURCES	12	140	37	0	1
POINT SOURCES	337	300	190	4	9
DISTILLATE OIL					
AREA SOURCES	67	1076	807	25	186
POINT SOURCES	17	45	27	1	2
NATURAL GAS					
AREA SOURCES	36	9	13989	5020	1836
POINT SOURCES	309	394	5499	181	491
PROCESS GAS					
POINT SOURCES	9	1369	191	10	5
COKE					
POINT SOURCES	58	1692	454	290	17995
LIQUID PETROL GAS					
POINT SOURCES	0	58	6	0	0
BAGASSE					
POINT SOURCES	13	143	158	22	1
OTHER					
POINT SOURCES	1	39	14	0	3
TOTAL (INDUSTRIAL)					
AREA SOURCES	115	1225	14833	5045	2023
POINT SOURCES	3894	11277	13041	549	18938

```
*** 013 ***                                                                                  *** 013 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             2844          148         2556         5127        61503
         LIGHT DUTY TRUCKS               1862          135         2017         3377        42080
         HEAVY DUTY VEHICLES              194           20          452          838        16736
         OFF HIGHWAY                       15            6          149          401         5074
         TOTAL (GASOLINE)                4915          309         5174         9743       125393

      DIESEL

         HEAVY DUTY VEHICLES              551          271         1277          593         1443
         OFF HIGHWAY                      147          115         1391          211          421
         RAIL                              60          134          880          213          310
         TOTAL (DIESEL)                   758          520         3548         1017         2174

   AIRCRAFT

      MILITARY                              3            0            1            3            6
      CIVIL                                 5            1           25           78         1545
      COMMERCIAL                            6           14          140          124          384
      TOTAL (AIRCRAFT)                     14           15          166          205         1935

   VESSELS

      GASOLINE                              0            1           13          305         1086
      TOTAL (VESSELS)                       0            1           13          305         1086

   TOTAL (TRANSPORTATION)                5687          845         8901        11270       130588

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       846            5          201          955         6966
   FOREST MANAGED BURNING                 762            6          152          544         4261
   STRUCTURAL FIRES                        37            0            1           28          152
   GASOLINE STA EVAP LOSS                   0            0            0         1135            0
   SOLVENT EVAPORATION LOSS                 0            0            0         1868            0
   UNPAVED ROADS                        84884            0            0            0            0
   UNPAVED AIRSTRIPS                       34            0            0            0            0
   TOTAL (MISCELLANEOUS)                86563           11          354         4530        11379

GRAND TOTAL
***********

   AREA SOURCES                         93651         1227        10518        18773       150691

   POINT SOURCES                          953         5795         3868          485         1206

   TOTAL                                94604         7022        14386        19258       151897
```

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                                                                                                    *** 014 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:06 COLORADO        AQCR:039 SAN LUIS                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              3              5              0              1             18
         DISTILLATE OIL               0              6              2              0              0
         NATURAL GAS                  1              0             61              3             11
         WOOD                      3424             36            270           7109          21128
         TOTAL (RESIDENTIAL)       3428             47            333           7113          21157

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 0              3              7              0              1
         NATURAL GAS                  1              0            124              0              9
         TOTAL (ELEC GEN)             1              3            131              0             10

      INDUSTRIAL FUEL

         LIGNITE
            POINT SOURCES             1              0              0              0              0
         DISTILLATE OIL
            AREA SOURCES              0              9              7              0              1
            POINT SOURCES             0              4              2              0              0
         NATURAL GAS
            AREA SOURCES              0              0             51             19              8
            POINT SOURCES             0              0              7              0              2
         OTHER
            POINT SOURCES             0              2              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              0              9             58             19              9
            POINT SOURCES             1              6              9              0              2

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            POINT SOURCES             0              0              2              0              0
         WOOD
            POINT SOURCES            10              0              1              2              5
         LIQUID PETROL GAS
            POINT SOURCES             0              0              1              0              0
         TOTAL (COMM-INST)
            POINT SOURCES            10              0              4              2              5

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           3428             56            391           7132          21166
            POINT SOURCES            12              9            144              2             17
            LIGHT DUTY VEHICLES          8233        376       8383       9579      94243
            LIGHT DUTY TRUCKS            1665        104       2195       2477      21468
            HEAVY DUTY VEHICLES           204         19        644        685      10870
            OFF HIGHWAY                    19         11        221        586       7405
            TOTAL (GASOLINE)            10121        510      11443      13327     133986
        DIESEL

            HEAVY DUTY VEHICLES           398        189       1710        214        650
            OFF HIGHWAY                    76         60        723        110        219
            RAIL                            2          4         28          7         10
            TOTAL (DIESEL)                476        253       2461        331        879
    AIRCRAFT

        MILITARY                           25          2         13         30         62
        CIVIL                               3          2         13         42        831
        COMMERCIAL                          6         13        137        122        379
        TOTAL (AIRCRAFT)                   34         17        163        196       1272
    VESSELS

        DIESEL FUEL                         3          4         27          7          9
        GASOLINE                            0          9         46       1026       3655
        TOTAL (VESSELS)                     3         13         73       1033       3664

    TOTAL (TRANSPORTATION)              10634        793      14140      14885     139801

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      383          3         90        432       3150
    STRUCTURAL FIRES                      160          0         15        119        650
    GASOLINE STA EVAP LOSS                  0          0          0       1665          0
    SOLVENT EVAPORATION LOSS                0          0          0       7724          0
    UNPAVED ROADS                         136          0          0          0          0
    UNPAVED AIRSTRIPS                       1          0          0          0          0
    TOTAL (MISCELLANEOUS)                 680          3        105       9940       3800
GRAND TOTAL
***********

    AREA SOURCES                        19758       2344      16230      42073     195124

    POINT SOURCES                        1068       6380       4815      14518        737

    TOTAL                               20826       8724      21045      56591     195861
```

```
            POINT SOURCES                 152        2023        578       12        52
        DISTILLATE OIL
            AREA SOURCES                   23         320        225        3        55
            POINT SOURCES                   8         178         74        1        18
        NATURAL GAS
            AREA SOURCES                    7           1        199       10        40
            POINT SOURCES                   0           0         21        1         5
        TOTAL (COMM-INST)
            AREA SOURCES                  625        7270       2162       67       252
            POINT SOURCES                 160        2201        673       14        75

     TOTAL (EXTERNAL COMB)
            AREA SOURCES                 3903        8141       3811     6698     20225
            POINT SOURCES                4605       92482      47436      210      1835

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

         DISTILLATE OIL                     2          16         26        2         6
         TOTAL (ELEC GEN)                   2          16         26        2         6

     TOTAL (INTERNAL COMB)                  2          16         26        2         6

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 3903        8141       3811     6698     20225
            POINT SOURCES                4607       92498      47462      212      1841
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               1029        4468         57     3323        28
    FOOD/AGRICULTURAL                     240           0          0        0         0
    PRIMARY METAL                         247           0          0        0         0
    SECONDARY METALS                      658           0          0        0         0
    MINERAL PRODUCTS                       55           2          1        2         1
    PETROLEUM INDUSTRY                     26           0       1026     4214       304
    WOOD PRODUCTS                         101           0          0       26         0
    ORGANIC SOLVENT EVAPORATION             4           0          0     8388         0
    PETROLEUM STORAGE/TRANSPORT             0           0          7     1032         0
    METAL FABRICATION                       6           0          0       86         0
    TEXTILE MANUFACTURING                   0           0          0       65         0
    OTHER/NOT CLASSIFIED                   11           0          0       60        15
    TOTAL (INDUSTRIAL)                   2377        4470       1091    17196       348
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            281          23         28       14       327
        OTHER INCINERATION                  3           0          2        0         0
        TOTAL (GOVERNMENT)                284          23         30       14       327

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               27           0          1       76       230
        OPEN BURNING                      678          25        174      915      2902
        TOTAL (RESIDENTIAL)               705          25        175      991      3132

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               62          20         29       36        84
                POINT SOURCES               3           0          2        1         3
```

```
SELECT CARD = <09    047                                            45>
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F10...STATE:05 CALIFORNIA          AQCR:025
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K10...STATE:05 CALIFORNIA          AQCR:026
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G11...STATE:05 CALIFORNIA          AQCR:029
H11...STATE:05 CALIFORNIA          AQCR:029
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K12...STATE:05 CALIFORNIA          AQCR:033
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N13...STATE:06 COLORADO            AQCR:035
O13...STATE:06 COLORADO            AQCR:035
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C14...STATE:06 COLORADO            AQCR:036
D14...STATE:06 COLORADO            AQCR:036
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F14...STATE:06 COLORADO            AQCR:036
G14...STATE:06 COLORADO            AQCR:037
H14...STATE:06 COLORADO            AQCR:037
I14...STATE:06 COLORADO            AQCR:037
J14...STATE:06 COLORADO            AQCR:037
K14...STATE:06 COLORADO            AQCR:038
L14...STATE:06 COLORADO            AQCR:038
M14...STATE:06 COLORADO            AQCR:038
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I15...STATE 07:CONNECTICUT
J15...STATE 07:CONNECTICUT
K15...STATE 07:CONNECTICUT
L15...STATE 07:CONNECTICUT
M15...STATE:07 CONNECTICUT         AQCR:041
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A16...STATE:07 CONNECTICUT         AQCR:041
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J16...STATE:07 CONNECTICUT         AQCR:043
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L16...STATE:07 CONNECTICUT         AQCR:044
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O16...STATE 08:DELAWARE
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C17...STATE 08:DELAWARE
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E18...STATE 10:FLORIDA
F18...STATE 10:FLORIDA
G18...STATE 10:FLORIDA
H18...STATE 10:FLORIDA
I18...STATE 10:FLORIDA
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K18...STATE:10 FLORIDA             AQCR:005
L18...STATE:10 FLORIDA             AQCR:005
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*** A01 ***                                                                                                  *** A01 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
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                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:     MONDAY   NOVEMBER 28, 1983
STATE:10 FLORIDA          AQCR:048 CENTRAL FLORIDA               AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                 PARTICULATES        SOX             NOX             VOC             CO
                                 ************    ************    ************    ************    ************
                                  TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                0               1               0               0               1
         DISTILLATE OIL                18             206             128               5              36
         NATURAL GAS                    8               0             260              13              53
         WOOD                         540               6              43            1119            3330
         TOTAL (RESIDENTIAL)          566             213             431            1137            3420
      ELEC GENERATION (POINT)

         RESIDUAL OIL                4893           93069           19459             246            1075
         NATURAL GAS                   57              13           11761              37             566
         TOTAL (ELEC GEN)            4950           93082           31220             283            1641
      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES              14              19             106               1              26
         DISTILLATE OIL
            POINT SOURCES               2               8               6               0               1
         NATURAL GAS
            AREA SOURCES                1               0             483             179              64
            POINT SOURCES              37               0              10               0               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                1               0             483             179              64
            POINT SOURCES              53              27             122               1              28
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES               7              72              16               0               1
         DISTILLATE OIL
            AREA SOURCES                8             103              72               0              19
            POINT SOURCES              32              76             101               1             139
         NATURAL GAS
            POINT SOURCES               3               1             104               4              20
         TOTAL (COMM-INST)
            AREA SOURCES                8             103              72               0              19
            POINT SOURCES              42             149             221               5             160
      TOTAL (EXTERNAL COMB)
            AREA SOURCES              575             316             986            1316            3503
            POINT SOURCES            5045           93258           31563             289            1829
   INTERNAL COMBUSTION (POINT)
```

CIVIL	9	3	34	102	2029
COMMERCIAL	7	16	161	143	444
TOTAL (AIRCRAFT)	18	19	196	247	2477
VESSELS					
DIESEL FUEL	110	136	1017	254	355
RESIDUAL OIL	11	146	24	1	1
GASOLINE	0	49	280	6188	22057
TOTAL (VESSELS)	121	331	1321	6443	22413
TOTAL (TRANSPORTATION)	21063	1819	23292	27653	240857
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	793	6	187	895	6526
FOREST MANAGED BURNING	5039	38	1009	3603	28229
AGRICULTURAL BURNING	4398	0	624	4055	29228
STRUCTURAL FIRES	99	0	9	75	405
GASOLINE STA EVAP LOSS	0	0	0	2956	0
SOLVENT EVAPORATION LOSS	0	0	0	7072	0
UNPAVED ROADS	37861	0	0	0	0
UNPAVED AIRSTRIPS	10	0	0	0	0
TOTAL (MISCELLANEOUS)	48200	44	1829	18656	64388
GRAND TOTAL ***********					
AREA SOURCES	69373	1962	25386	46571	305940
POINT SOURCES	2941	35348	6982	242	898
TOTAL	72314	37310	32368	46813	306838

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                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:11 GEORGIA        AQCR:049 JACKSONVILLE-BRUNSWICK          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              3             17              0              2             17
         DISTILLATE OIL               0              5              4              0              0
         NATURAL GAS                  4              0            170              8             37
         WOOD                       941              9             76           1955           5806
         TOTAL (RESIDENTIAL)        948             31            248           1965           5860

      ELEC GENERATION (POINT)

         RESIDUAL OIL                30           1031           2996             57             85
         OTHER                      195              1            575            195            313
         TOTAL (ELEC GEN)           225           1032           3571            252            398

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             86            666            110              0             14
         RESIDUAL OIL
            POINT SOURCES          1027          19687           3152             21            269
         DISTILLATE OIL
            POINT SOURCES             0              2              1              0              0
         NATURAL GAS
            AREA SOURCES              2              0            396             82             45
            POINT SOURCES             2              0            300              1             22
         PROCESS GAS
            POINT SOURCES             8              0              0              1              0
         WOOD
            POINT SOURCES          1060            128            910            945           2199
         TOTAL (INDUSTRIAL)
            AREA SOURCES             88            666            506             82             59
            POINT SOURCES          2097          19817           4363            968           2490

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES              1             21             15              0              2
         NATURAL GAS
            AREA SOURCES              1              0             69              2             12
         TOTAL (COMM-INST)
            AREA SOURCES              2             21             84              2             14

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           1038            718            838           2049           5933
            POINT SOURCES          2322          20849           7934           1220           2888
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SELECT CARD = <11     056                                                                           45>
STATE 11 COUNTY 0700 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3120 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4140 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4340 NOT FOUND IN POINT FILE
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OFF HIGHWAY	27	12	314	839	10573
TOTAL (GASOLINE)	11291	640	14422	16045	166124
DIESEL					
HEAVY DUTY VEHICLES	1994	958	8632	1068	3252
OFF HIGHWAY	167	130	1558	234	470
RAIL	99	221	1428	345	501
TOTAL (DIESEL)	2260	1309	11618	1647	4223
AIRCRAFT					
MILITARY	168	11	86	197	407
CIVIL	4	1	25	85	1736
COMMERCIAL	2	4	47	41	128
TOTAL (AIRCRAFT)	174	16	158	323	2271
VESSELS					
GASOLINE	0	14	77	1675	5971
TOTAL (VESSELS)	0	14	77	1675	5971
TOTAL (TRANSPORTATION)	13725	1979	26275	19690	178589
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1443	10	340	1630	11887
FOREST MANAGED BURNING	9480	72	1896	6779	53086
AGRICULTURAL BURNING	1934	0	274	1785	12862
STRUCTURAL FIRES	132	0	8	97	533
GASOLINE STA EVAP LOSS	0	0	0	2628	0
SOLVENT EVAPORATION LOSS	0	0	0	7437	0
UNPAVED ROADS	86919	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	99910	82	2518	20356	78368
GRAND TOTAL ***********					
AREA SOURCES	117867	3660	31152	47684	279786
POINT SOURCES	4652	27982	14813	4736	26935
TOTAL	122519	31642	45965	52420	306721

```
    TOTAL (FUEL COMBUSTION)

               AREA SOURCES              655       1559        491        881       3484
               POINT SOURCES             118       1121        515         36        139
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              2522       8817        336          0          0
    FOOD/AGRICULTURAL                   1912          0          0          0          0
    MINERAL PRODUCTS                   17092       1141        292          5          2
    PETROLEUM INDUSTRY                     2          0          0          0          0
    WOOD PRODUCTS                         64          0          0          0          0
    PETROLEUM STORAGE/TRANSPORT            0          0          0        215          0
    OTHER/NOT CLASSIFIED                  27        609          0          0          0
    TOTAL (INDUSTRIAL)                 21619      10567        628        220          2
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             258          4          7        729       2192
        OPEN BURNING                     456         18        114        614       1950
        TOTAL (RESIDENTIAL)              714         22        121       1343       4142
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               1          0          1          1          2
        TOTAL (COMM-INST)
                AREA SOURCES               1          0          1          1          2
    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES             41          1          9         91       1069
        TOTAL (INDUSTRIAL)
                POINT SOURCES             41          1          9         91       1069
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             715         22        122       1344       4144
                POINT SOURCES             41          1          9         91       1069
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         2692        118       2002       4215      52510
            LIGHT DUTY TRUCKS           1632        104       1575       2954      37168
            HEAVY DUTY VEHICLES          305         30        657       1289      25669
            OFF HIGHWAY                   16          7        179        480       6080
            TOTAL (GASOLINE)            4645        259       4413       8938     121427
        DIESEL

            HEAVY DUTY VEHICLES          723        339       1594        782       1907
            OFF HIGHWAY                  441        347       4166        634       1260
            RAIL                          85        198       1284        313        450
            TOTAL (DIESEL)              1249        884       7044       1729       3617
    AIRCRAFT
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT
**********************                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 14:ILLINOIS                                                AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES         SOX             NOX             VOC              CO
                             ************     ************    ************    ************    ************
                              TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               1               5               0               1              20
         BITUMINOUS COAL             291            1369              50             194            1733
         DISTILLATE OIL              140            1670            1045              34             284
         NATURAL GAS                 726             135           24360            1290            4872
         WOOD                      34770             363            2751           72193          214561
         TOTAL (RESIDENTIAL)       35928            3542           28206           73712          221470

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           66163          992382          519066            3308           14592
         RESIDUAL OIL               1420           20839           12855             236            1301
         DISTILLATE OIL              124            1413            1815              39             185
         NATURAL GAS                 109             206            3345              17             186
         OTHER                         2               0               1               0               1
         TOTAL (ELEC GEN)          67818         1014840          537082            3600           16265

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            4353           35118            7589              22             977
            POINT SOURCES           4892           59379           16361             261            2160
         LIGNITE
            POINT SOURCES             75             103              22               0               1
         RESIDUAL OIL
            POINT SOURCES           2131           28010           11518             176             744
         DISTILLATE OIL
            POINT SOURCES            310            4249            3558             102             453
         NATURAL GAS
            AREA SOURCES             133              23           13422            2272            1487
            POINT SOURCES            426            1437           16583             449            1796
         PROCESS GAS
            POINT SOURCES            313            6684            1100             167             151
         COKE
            POINT SOURCES              0             116              63               1               3
         WOOD
            POINT SOURCES              0               0               0               0               6
         OTHER
            POINT SOURCES              6              29              72               1              12
         TOTAL (INDUSTRIAL)
            AREA SOURCES            4486           35141           21011            2294            2464
            POINT SOURCES           8153          100007           49277            1157            5326

      COMM-INSTITUTIONAL FUEL
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*** A08 ***
     TOTAL (RESIDENTIAL)               4993         112         497       11818     35807   *** A08 ***

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            POINT SOURCES                37          17          59          10        32
      TOTAL (COMM-INST)
            POINT SOURCES                37          17          59          10        32

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES                82          44          29          53       231
      TOTAL (INDUSTRIAL)
            POINT SOURCES                82          44          29          53       231

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               4993         112         497       11818     35807
            POINT SOURCES               153          64          91          65       301
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         154664        4268       87891      131851   1505416
         LIGHT DUTY TRUCKS            20336         785       15363       22362    223523
         HEAVY DUTY VEHICLES           6258         400       11902       19651    303259
         OFF HIGHWAY                    393         211        4373       11630    147043
         TOTAL (GASOLINE)            181651        5664      119529      185494   2179241
      DIESEL

         HEAVY DUTY VEHICLES          18951        6815       63338       10427     32575
         OFF HIGHWAY                   1006         788        9476        1445      2864
         RAIL                          1747        3984       25864        6282      9089
         TOTAL (DIESEL)               21704       11587       98678       18154     44528
   AIRCRAFT

      MILITARY                           74           5          37          87       179
      CIVIL                              29          17         129         399      7999
      COMMERCIAL                        156         364        3774        3345     10392
      TOTAL (AIRCRAFT)                  259         386        3940        3831     18570
   VESSELS

      DIESEL FUEL                         4           6          38          10        14
      GASOLINE                            0           8          35         778      2774
      TOTAL (VESSELS)                     4          14          73         788      2788

   TOTAL (TRANSPORTATION)            203618       17651      222220      208267   2245127
MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                    2030           0         193        1521      8262
   GASOLINE STA EVAP LOSS                 0           0           0       25615         0
   SOLVENT EVAPORATION LOSS               0           0           0      135916         0
   UNPAVED ROADS                     109882           0           0           0         0
   UNPAVED AIRSTRIPS                     36           0           0           0         0
   TOTAL (MISCELLANEOUS)             111948           0         193      163052      8262
GRAND TOTAL
```

POINT SOURCES	2	0	30	1	5
TOTAL (EXTERNAL COMB)					
AREA SOURCES	745	1403	1242	1231	3644
POINT SOURCES	486	28460	6229	131	505
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	2	8	71	6	43
NATURAL GAS	1	0	34	1	9
TOTAL (ELEC GEN)	3	8	105	7	52
TOTAL (INTERNAL COMB)	3	8	105	7	52
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	745	1403	1242	1231	3644
POINT SOURCES	489	28468	6334	138	557
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1591	9704	2	437	0
FOOD/AGRICULTURAL	5817	0	0	0	0
PRIMARY METAL	76	79	3819	84	840
SECONDARY METALS	14	0	20	7	1
MINERAL PRODUCTS	4865	8524	3266	130	29
WOOD PRODUCTS	139	0	0	0	0
ORGANIC SOLVENT EVAPORATION	38	0	0	1206	0
PETROLEUM STORAGE/TRANSPORT	54	0	0	204	0
METAL FABRICATION	2	0	0	0	0
TOTAL (INDUSTRIAL)	12596	18307	7107	2068	870
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	248	3	7	699	2098
OPEN BURNING	481	18	123	649	2062
TOTAL (RESIDENTIAL)	729	21	130	1348	4160
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	3	1	1	1	4
TOTAL (INDUSTRIAL)					
POINT SOURCES	3	1	1	1	4
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	729	21	130	1348	4160
POINT SOURCES	3	1	1	1	4
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3897	171	3694	4215	42693
LIGHT DUTY TRUCKS	1134	69	1420	1588	14008
HEAVY DUTY VEHICLES	379	35	1137	1261	19959
OFF HIGHWAY	16	7	181	481	6072

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*** A10 ***
                                                                                                      *** A10 ***
                                              NATIONAL EMISSIONS DATA SYSTEM
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                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************
STATE/AQCR EMISSIONS REPORT
****************************                                                   RUN DATE:     MONDAY   NOVEMBER 28, 1983
STATE:14 ILLINOIS        AQCR:075 WEST CENTRAL ILLINOIS              AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               11              52               0               7              67
         DISTILLATE OIL                 4              63              39               0              10
         NATURAL GAS                   42               6            1449              78             290
         WOOD                        5814              60             459           12075           35891
         TOTAL (RESIDENTIAL)         5871             181            1947           12160           36258

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            18025          364231           93120             367            1923
         RESIDUAL OIL                   8             100              59               1               4
         DISTILLATE OIL                 0              20              12               0               3
         NATURAL GAS                    0               0              19               0               1
         TOTAL (ELEC GEN)           18033          364351           93210             368            1931

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              213            1715             371               0              47
            POINT SOURCES             285            3908             411               2             199
         RESIDUAL OIL
            POINT SOURCES             181            2324            1011               7              64
         DISTILLATE OIL
            POINT SOURCES              56             705             478               9              86
         NATURAL GAS
            AREA SOURCES                6               1             597             100              65
            POINT SOURCES              56              12            1741              61             117
         TOTAL (INDUSTRIAL)
            AREA SOURCES              219            1716             968             100             112
            POINT SOURCES             578            6949            3641              79             466

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               11              41              14               0               0
         BITUMINOUS COAL
            AREA SOURCES               28             155              21               0              14
            POINT SOURCES             243            3075             286              15              68
         RESIDUAL OIL
            POINT SOURCES               1              17             116               2              11
         DISTILLATE OIL
            AREA SOURCES                6             116              82               0              18
            POINT SOURCES               1              17              70               2               0
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POINT SOURCES	0	0	22	0	5
TOTAL (COMM-INST)					
AREA SOURCES	15	118	351	16	70
POINT SOURCES	383	2368	335	8	85
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3038	12322	5242	3370	10625
POINT SOURCES	1203	23132	6249	65	554
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	7	0	2530	62	320
TOTAL (INDUSTRIAL)	7	0	2530	62	320
TOTAL (INTERNAL COMB)	7	0	2530	62	320
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3038	12322	5242	3370	10625
POINT SOURCES	1210	23132	8779	127	874
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	12	0	0	163	0
FOOD/AGRICULTURAL	962	0	0	0	0
PRIMARY METAL	6	0	0	0	11
SECONDARY METALS	158	1617	10	54	5067
MINERAL PRODUCTS	2261	1876	1909	257	84
WOOD PRODUCTS	3	0	0	0	0
ORGANIC SOLVENT EVAPORATION	10	0	0	13794	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	187	0
METAL FABRICATION	98	0	0	1	0
OTHER/NOT CLASSIFIED	5	0	71	1	6
TOTAL (INDUSTRIAL)	3515	3493	1990	14457	5168
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	419	7	13	1176	3526
OPEN BURNING	857	32	218	1153	3661
TOTAL (RESIDENTIAL)	1276	39	231	2329	7187
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	103	32	50	60	142
OPEN BURNING					
AREA SOURCES	4	0	0	8	16
TOTAL (COMM-INST)					
AREA SOURCES	107	32	50	68	158
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	28	6	6	25	40
POINT SOURCES	11	2	1	11	14
OPEN BURNING					
AREA SOURCES	24	0	10	41	140
TOTAL (INDUSTRIAL)					
AREA SOURCES	52	6	16	66	180
POINT SOURCES	11	2	1	11	14

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****
STATE:15 INDIANA AQCR:080 METROPOLITAN INDIANAPOLIS

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	1	3	0	1	10
BITUMINOUS COAL	1	2	0	0	3
DISTILLATE OIL	62	720	448	18	124
NATURAL GAS	51	9	1704	90	340
WOOD	1918	19	153	3981	11829
TOTAL (RESIDENTIAL)	2033	753	2305	4090	12306
ELEC GENERATION (POINT)					
BITUMINOUS COAL	1229	85985	20817	257	900
DISTILLATE OIL	0	34	22	0	5
NATURAL GAS	0	0	903	81	191
TOTAL (ELEC GEN)	1229	86019	21742	338	1096
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	2733	23131	5003	17	644
POINT SOURCES	4569	8169	2086	109	513
RESIDUAL OIL					
AREA SOURCES	93	1166	268	1	24
POINT SOURCES	42	506	152	1	8
DISTILLATE OIL					
AREA SOURCES	25	248	279	8	67
POINT SOURCES	10	37	41	0	5
NATURAL GAS					
AREA SOURCES	32	6	1511	30	377
POINT SOURCES	13	0	410	2	35
WOOD					
POINT SOURCES	12	1	32	17	31
OTHER					
POINT SOURCES	0	9	13	0	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	2883	24551	7061	56	1112
POINT SOURCES	4646	8722	2734	129	593
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	898	3200	399	15	130
RESIDUAL OIL					
AREA SOURCES	8	120	29	0	2
DISTILLATE OIL					

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*** A13 ***                                                                                    *** A13 ***
                AREA SOURCES          26          0          13          40         135
                POINT SOURCES         18          0           1           7          19
        TOTAL (INDUSTRIAL)
                AREA SOURCES          48          2          15          62         175
                POINT SOURCES         19          1           2           8          24

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES        1414         58         294        2441        7454
                POINT SOURCES         19          1           2           8          24
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES      7887        443       10033       10441       96201
           LIGHT DUTY TRUCKS        3071        239        5202        5287       42264
           HEAVY DUTY VEHICLES       575         67        2195        1959       31516
           OFF HIGHWAY                28         16         349         932       11759
           TOTAL (GASOLINE)        11561        765       17779       18619      181740

        DIESEL

           HEAVY DUTY VEHICLES      1661        875        7844         877        2649
           OFF HIGHWAY               323        252        3038         462         919
           RAIL                      201        462        2979         724        1045
           TOTAL (DIESEL)           2185       1589       13861        2063        4613
     AIRCRAFT

        MILITARY                       2          0           1           2           4
        CIVIL                          2          0          22          69        1364
        COMMERCIAL                     1          3          35          31          97
        TOTAL (AIRCRAFT)               5          3          58         102        1465
     VESSELS

        GASOLINE                       0          4          28         592        2109
        TOTAL (VESSELS)                0          4          28         592        2109

     TOTAL (TRANSPORTATION)        13751       2361       31726       21376      189927
MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                527          0         120         596        4356
     STRUCTURAL FIRES                247          0          23         183         986
     GASOLINE STA EVAP LOSS            0          0           0        2584           0
     SOLVENT EVAPORATION LOSS          0          0           0       11103           0
     UNPAVED ROADS                 11615          0           0           0           0
     TOTAL (MISCELLANEOUS)         12389          0         143       14466        5342
GRAND TOTAL
***********

     AREA SOURCES                  43400      14925       38358       68248      292436

     POINT SOURCES                 15302     286023       71629       10314        1862

     TOTAL                         58702     300948      109987       78562      294298
```

```
SELECT CARD = <16    068                                          45>
```

GASOLINE					
LIGHT DUTY VEHICLES	1783	74	1654	2014	20505
LIGHT DUTY TRUCKS	607	36	740	887	7907
HEAVY DUTY VEHICLES	207	19	644	693	10988
OFF HIGHWAY	9	5	99	262	3318
TOTAL (GASOLINE)	2606	134	3137	3856	42718
DIESEL					
HEAVY DUTY VEHICLES	892	401	3643	480	1472
OFF HIGHWAY	134	104	1257	191	380
RAIL	29	65	420	102	147
TOTAL (DIESEL)	1055	570	5320	773	1999
AIRCRAFT					
MILITARY	35	2	18	41	85
CIVIL	1	1	7	22	447
COMMERCIAL	3	6	64	57	178
TOTAL (AIRCRAFT)	39	9	89	120	710
VESSELS					
GASOLINE	0	1	5	109	390
TOTAL (VESSELS)	0	1	5	109	390
TOTAL (TRANSPORTATION)	3700	714	8551	4858	45817
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	6	0	1	6	46
STRUCTURAL FIRES	44	0	5	33	181
GASOLINE STA EVAP LOSS	0	0	0	707	0
SOLVENT EVAPORATION LOSS	0	0	0	1783	0
UNPAVED ROADS	50893	0	0	0	0
TOTAL (MISCELLANEOUS)	50943	0	6	2529	227
GRAND TOTAL ***********					
AREA SOURCES	55278	1096	9511	8489	49055
POINT SOURCES	6382	34285	40296	423	1184
TOTAL	61660	35381	49807	8912	50239

```
*** A16 ***
        GASOLINE                                                                                       *** A16 ***

            LIGHT DUTY VEHICLES          2009          106          2391          2586          24623
            LIGHT DUTY TRUCKS             809           59          1211          1283          10781
            HEAVY DUTY VEHICLES           336           35          1215          1158          18546
            OFF HIGHWAY                    12            5           116           309           3916
            TOTAL (GASOLINE)             3166          205          4933          5336          57866

        DIESEL

            HEAVY DUTY VEHICLES           676          346          3121           359           1083
            OFF HIGHWAY                   261          204          2456           374            742
            RAIL                           33           72           461           111            162
            TOTAL (DIESEL)                970          622          6038           844           1987

     AIRCRAFT

         CIVIL                              0            0            14            44            895
         TOTAL (AIRCRAFT)                   0            0            14            44            895

     VESSELS

         GASOLINE                           0            9            57          1255           4470
         TOTAL (VESSELS)                    0            9            57          1255           4470

     TOTAL (TRANSPORTATION)              4136          836         11042          7479          65218

 MISCELLANEOUS (AREA)
 ********************

     FOREST WILDFIRES                       8            0             3             8             72
     STRUCTURAL FIRES                      50            0             1            38            203
     GASOLINE STA EVAP LOSS                 0            0             0           752              0
     SOLVENT EVAPORATION LOSS               0            0             0          1892              0
     UNPAVED ROADS                      93777            0             0             0              0
     TOTAL (MISCELLANEOUS)              93835            0             4          2690            275

 GRAND TOTAL
 ***********

     AREA SOURCES                       98631         1275         12142         11377          68783

     POINT SOURCES                      11525          373           297            48             87

     TOTAL                             110156         1648         12439         11425          68870
```

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE EMISSIONS REPORT
****
STATE 17:KANSAS

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	3	26	0	3	32
DISTILLATE OIL	0	9	4	1	0
NATURAL GAS	108	14	4137	285	826
WOOD	2943	23	228	6102	18118
TOTAL (RESIDENTIAL)	3054	72	4369	6391	18976
ELEC GENERATION (POINT)					
BITUMINOUS COAL	42292	143917	136687	564	3615
RESIDUAL OIL	426	3961	2439	21	93
DISTILLATE OIL	14	26	235	3	22
NATURAL GAS	349	35	43276	138	2138
TOTAL (ELEC GEN)	43081	147939	182637	726	5868
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	1625	11819	2940	36	372
POINT SOURCES	123	782	34	0	0
RESIDUAL OIL					
AREA SOURCES	258	3289	762	3	65
POINT SOURCES	300	1861	894	4	45
DISTILLATE OIL					
AREA SOURCES	69	755	850	44	198
POINT SOURCES	44	3051	85	3	10
NATURAL GAS					
AREA SOURCES	324	60	113958	40920	14981
POINT SOURCES	225	26	10107	104	588
WOOD					
POINT SOURCES	24	1	0	2	1
LIQUID PETROL GAS					
POINT SOURCES	0	3	2	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	2276	15923	118510	41003	15616
POINT SOURCES	716	5724	11122	113	644
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	6	36	5	0	2
RESIDUAL OIL					
AREA SOURCES	0	0	0	1	0
DISTILLATE OIL					

```
*** A18 ***
            POINT SOURCES                1            0            0            1            1      *** A18 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       4497          185         4057         5048        50533
            LIGHT DUTY TRUCKS         1884          113         2318         2760        24028
            HEAVY DUTY VEHICLES        322           29          967         1047        16633
            OFF HIGHWAY                 12            6          149          400         5036
            TOTAL (GASOLINE)          6715          333         7491         9255        96230

        DIESEL

            HEAVY DUTY VEHICLES        993          427         3884          538         1654
            OFF HIGHWAY                260          204         2449          374          740
            RAIL                       234          535         3466          841         1218
            TOTAL (DIESEL)            1487         1166         9799         1753         3612

    AIRCRAFT

        MILITARY                       126            8           64          148          306
        CIVIL                            2            1           20           62         1243
        COMMERCIAL                       1            2           17           15           47
        TOTAL (AIRCRAFT)               129           11          101          225         1596

    VESSELS

        GASOLINE                         0            6           32          717         2556
        TOTAL (VESSELS)                  0            6           32          717         2556

    TOTAL (TRANSPORTATION)            8331         1516        17423        11950       103994

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   309            0           74          352         2548
    AGRICULTURAL BURNING               876            0          124          807         5818
    STRUCTURAL FIRES                    77            0            6           56          311
    GASOLINE STA EVAP LOSS               0            0            0         1664            0
    SOLVENT EVAPORATION LOSS             0            0            0         3214            0
    UNPAVED ROADS                   265941            0            0            0            0
    TOTAL (MISCELLANEOUS)           267203            0          204         6093         8677

GRAND TOTAL
***********

    AREA SOURCES                    276879         2938        33359        25048       120317

    POINT SOURCES                     8538         1757        20218         3642         2884

    TOTAL                           285417         4695        53577        28690       123201
```

```
      ELECTRIC GENERATION

          DISTILLATE OIL                 75          763          1643          115          396
          NATURAL GAS                     8            1          2883           70          377
          TOTAL (ELEC GEN)               83          764          4526          185          773

      TOTAL (INTERNAL COMB)              83          764          4526          185          773

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES               575          316           986         1316         3503
             POINT SOURCES             5128        94022         36089          474         2602
INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                    332          100             0            0            4
   MINERAL PRODUCTS                      20            0             0            0            0
   WOOD PRODUCTS                          9            0             0            0            0
   ORGANIC SOLVENT EVAPORATION            0            0             0            0            0
   PETROLEUM STORAGE/TRANSPORT            0            0             0         2984            0
   METAL FABRICATION                     17            0             0         1427            0
   OTHER/NOT CLASSIFIED                   0           20             0           40            0
   TOTAL (INDUSTRIAL)                   378          120             0         4451            4
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               16            0             0           46          140
      TOTAL (RESIDENTIAL)                16            0             0           46          140

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                  0            0             0            0            2
            POINT SOURCES                16           16            34           34          115
      TOTAL (COMM-INST)
            AREA SOURCES                  0            0             0            0            2
            POINT SOURCES                16           16            34           34          115
   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                  6            0             0            6           12
            POINT SOURCES                 7            1             1            1            3
      TOTAL (INDUSTRIAL)
            AREA SOURCES                  6            0             0            6           12
            POINT SOURCES                 7            1             1            1            3

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 22            0             0           52          154
            POINT SOURCES                23           17            35           35          118
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          34805         1125         22304        29521       303447
         LIGHT DUTY TRUCKS             6817          307          5697         7259        65554
         HEAVY DUTY VEHICLES           1442          105          3091         4285        67477
         OFF HIGHWAY                     67           37           751         1996        25233
```

```
*** B02 ***                                                                          *** B02 ***
SELECT CARD = <10  052                                                    45>
```

```
*** B03 ***
    TOTAL (FUEL COMBUSTION)                                                                                          *** B03 ***

                AREA SOURCES              1038            718            838           2049           5933
                POINT SOURCES             2322          20849           7934           1220           2888
INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                 227              0              0            529              0
    MINERAL PRODUCTS                       499             32             14              4              3
    WOOD PRODUCTS                         2096           4509           1678             55          47716
    ORGANIC SOLVENT EVAPORATION              0              0              0            208              0
    OTHER/NOT CLASSIFIED                     4             77              0              0              0
    TOTAL (INDUSTRIAL)                    2826           4618           1692            796          47719

SOLID WASTE DISPOSAL
*********************

    RESIDENTIAL (AREA)

        OPEN BURNING                       630             26            163            851           2694
        TOTAL (RESIDENTIAL)                630             26            163            851           2694

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 4              0              3              3              6
        TOTAL (COMM-INST)
                AREA SOURCES                 4              0              3              3              6

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                1              3              4              4              0
        OPEN BURNING
                AREA SOURCES                27              0             12             46            160
        TOTAL (INDUSTRIAL)
                AREA SOURCES                27              0             12             46            160
                POINT SOURCES                1              3              4              4              0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               661             26            178            900           2860
                POINT SOURCES                1              3              4              4              0
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           3242            174           3727           3847          35469
            LIGHT DUTY TRUCKS             1154             88           1750           1745          13918
            HEAVY DUTY VEHICLES            266             31            960            898          14395
            OFF HIGHWAY                     14              7            164            438           5540
            TOTAL (GASOLINE)              4676            300           6601           6928          69322
        DIESEL

            HEAVY DUTY VEHICLES            878            459           4103            466           1402
            OFF HIGHWAY                     62             47            573             89            176
            RAIL                            44             98            624            151            219
            TOTAL (DIESEL)                 984            604           5300            706           1797
    AIRCRAFT
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:11 GEORGIA AQCR:056 METROPOLITAN ATLANTA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	182	878	34	121	1087
DISTILLATE OIL	1	32	21	0	3
NATURAL GAS	68	11	2308	123	461
WOOD	2407	27	194	5000	14855
TOTAL (RESIDENTIAL)	2658	948	2557	5244	16406
ELEC GENERATION (POINT)					
BITUMINOUS COAL	6997	423520	95384	270	1447
RESIDUAL OIL	0	4	10	3	2
DISTILLATE OIL	0	35	36	0	4
NATURAL GAS	5	1	715	21	79
OTHER	92	133	529	182	157
TOTAL (ELEC GEN)	7094	423693	96674	476	1689
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	835	6115	1087	4	138
POINT SOURCES	9	25	4	0	4
RESIDUAL OIL					
POINT SOURCES	26	474	79	0	7
DISTILLATE OIL					
POINT SOURCES	17	84	20	1	4
NATURAL GAS					
AREA SOURCES	37	6	4262	874	491
POINT SOURCES	77	62	1052	15	91
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	872	6121	5349	878	629
POINT SOURCES	129	645	1156	16	106
COMM-INSTITUTIONAL FUEL					
DISTILLATE OIL					
AREA SOURCES	26	428	297	3	75
NATURAL GAS					
AREA SOURCES	37	7	1324	69	263
TOTAL (COMM-INST)					
AREA SOURCES	63	435	1621	72	338
TOTAL (EXTERNAL COMB)					

```
SELECT CARD = <12                                          25>
```

```
          MILITARY                              4          0          2          6         12
          CIVIL                                 3          1         21         64       1277
          COMMERCIAL                            5         11        110         97        302
          TOTAL (AIRCRAFT)                     12         12        133        167       1591

     VESSELS

          GASOLINE                              0          6         34        739       2633
          TOTAL (VESSELS)                       0          6         34        739       2633

     TOTAL (TRANSPORTATION)                  5906       1161      11624      11573     129268

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       26350        234       6200      29762     217010
     FOREST MANAGED BURNING                 10368         78       2074       7414      58058
     AGRICULTURAL BURNING                      17          0          2         16        113
     STRUCTURAL FIRES                          58          0          3         42        234
     GASOLINE STA EVAP LOSS                     0          0          0       1158          0
     SOLVENT EVAPORATION LOSS                   0          0          0       2550          0
     UNPAVED ROADS                          62079          0          0          0          0
     UNPAVED AIRSTRIPS                         21          0          0          0          0
     TOTAL (MISCELLANEOUS)                  98893        312       8279      40942     275415

GRAND TOTAL
***********

     AREA SOURCES                          106169       3054      20516      54740     412311

     POINT SOURCES                          21778      11689       1152        347       1210

     TOTAL                                 127947      14743      21668      55087     413521
```

ANTHRACITE COAL					
AREA SOURCES	250	854	297	1	13
POINT SOURCES	57	146	1	0	0
BITUMINOUS COAL					
AREA SOURCES	620	3297	470	15	278
POINT SOURCES	333	4130	392	21	89
LIGNITE					
POINT SOURCES	102	243	10	24	116
RESIDUAL OIL					
POINT SOURCES	213	2779	1369	20	101
DISTILLATE OIL					
AREA SOURCES	158	2420	1685	20	409
POINT SOURCES	11	197	145	2	13
NATURAL GAS					
AREA SOURCES	104	17	3814	192	764
POINT SOURCES	78	9	8936	51	688
TOTAL (COMM-INST)					
AREA SOURCES	1132	6588	6266	228	1464
POINT SOURCES	794	7504	10853	118	1007
TOTAL (EXTERNAL COMB)					
AREA SOURCES	41546	45271	55483	76234	225398
POINT SOURCES	76765	1122351	597212	4875	22598
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	121	1640	3413	168	840
NATURAL GAS	41	125	2651	139	506
TOTAL (ELEC GEN)	162	1765	6064	307	1346
INDUSTRIAL FUEL					
DISTILLATE OIL	22	20	303	30	101
NATURAL GAS	26	46	10344	1154	1154
TOTAL (INDUSTRIAL)	48	66	10647	1184	1255
TOTAL (INTERNAL COMB)	210	1831	16711	1491	2601
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	41546	45271	55483	76234	225398
POINT SOURCES	76975	1124182	613923	6366	25199

INDUSTRIAL PROCESS (POINT)
****

CHEMICAL MANUFACTURING	11277	15987	2135	12789	36478
FOOD/AGRICULTURAL	38837	343	22	5674	43
PRIMARY METAL	26691	12941	9824	3813	244241
SECONDARY METALS	8708	2770	2203	162	8926
MINERAL PRODUCTS	55520	27365	9144	1396	1385
PETROLEUM INDUSTRY	4077	67643	15879	10818	1421
WOOD PRODUCTS	1394	0	0	23	0
ORGANIC SOLVENT EVAPORATION	1401	81	1455	138112	904
PETROLEUM STORAGE/TRANSPORT	1747	0	31	36285	1
METAL FABRICATION	1115	140	445	816	3
OTHER/NOT CLASSIFIED	1538	5080	1205	243	53
TOTAL (INDUSTRIAL)	152305	132350	42343	210131	293455

SOLID WASTE DISPOSAL
****

```
    AREA SOURCES                        326560        48648       257270       388660      2304343
    POINT SOURCES                        79900       174146       195992       112593       101022
    TOTAL                               406460       222794       453262       501253      2405365
```

```
           TOTAL (GASOLINE)               5426          282          6432          7545         82732

        DIESEL

           HEAVY DUTY VEHICLES             971          437          3963           523          1606
           OFF HIGHWAY                     120           92          1114           169           337
           RAIL                             54          117           763           184           268
           TOTAL (DIESEL)                 1145          646          5840           876          2211

     AIRCRAFT

        CIVIL                                3            1            14            44           879
        TOTAL (AIRCRAFT)                     3            1            14            44           879

     VESSELS

        DIESEL FUEL                          4            4            34             9            12
        GASOLINE                             0            7            38           814          2895
        TOTAL (VESSELS)                      4           11            72           823          2907

     TOTAL (TRANSPORTATION)               6578          940         12358          9288         88729

  MISCELLANEOUS (AREA)
  ********************

     STRUCTURAL FIRES                       59            0             5            44           243
     GASOLINE STA EVAP LOSS                  0            0             0           915             0
     SOLVENT EVAPORATION LOSS                0            0             0          3043             0
     UNPAVED ROADS                       11016            0             0             0             0
     TOTAL (MISCELLANEOUS)               11075            0             5          4002           243

  GRAND TOTAL
  ***********

     AREA SOURCES                        19127         2364         13735         15869         96776

     POINT SOURCES                       13088        46776         13442          2207          1431

     TOTAL                               32215        49140         27177         18076         98207
```

```
*** B10 ***                                                                                   *** B10 ***
          NATURAL GAS
             AREA SOURCES                11          2          411          21          83
             POINT SOURCES                0          0            2           0           0
          TOTAL (COMM-INST)
             AREA SOURCES                56        314          528          21         115
             POINT SOURCES              245       3109          474          19          79

       TOTAL (EXTERNAL COMB)
             AREA SOURCES              6146       2211         3443       12281       36485
             POINT SOURCES            18856     374409        97325         466        2476

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                 16         15          220          15          48
          TOTAL (ELEC GEN)               16         15          220          15          48

       TOTAL (INTERNAL COMB)             16         15          220          15          48

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES              6146       2211         3443       12281       36485
             POINT SOURCES            18872     374424        97545         481        2524
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             1015          0            8        2586           0
    FOOD/AGRICULTURAL                  8632         25           21        4112          40
    PRIMARY METAL                        35          0            1           4           0
    SECONDARY METALS                   1059          0            1          18           0
    MINERAL PRODUCTS                   6664        102          186           0           0
    WOOD PRODUCTS                        26          0            0           0           4
    ORGANIC SOLVENT EVAPORATION          20          0            0        1394           0
    PETROLEUM STORAGE/TRANSPORT           0          0            0         379           0
    METAL FABRICATION                   225          0            0           0           0
    OTHER/NOT CLASSIFIED                174          0            0           0           0
    TOTAL (INDUSTRIAL)                17850        127          217        8493          44
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              763         11           22        2153        6457
      OPEN BURNING                     1119         42          286        1511        4792
      TOTAL (RESIDENTIAL)              1882         53          308        3664       11249

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            POINT SOURCES                 4          1            2           2           6
      TOTAL (COMM-INST)
            POINT SOURCES                 4          1            2           2           6

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES               187          0            0           0           0
      TOTAL (INDUSTRIAL)
            POINT SOURCES               187          0            0           0           0

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               1882         53          308        3664       11249
            POINT SOURCES               191          1            2           2           6
```

```
*** B11 ***                                                                                       *** B11 ***
    TOTAL (SOLID WASTE DISP)
               AREA SOURCES           1435          77          297         2463          7525
               POINT SOURCES            11           2            1           11            14
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       9742         406         9001        10873        109036
            LIGHT DUTY TRUCKS         2997         172         3718         4549         39713
            HEAVY DUTY VEHICLES        525          47         1491         1690         26758
            OFF HIGHWAY                 30          16          342          910         11515
            TOTAL (GASOLINE)         13294         641        14552        18022        187022
        DIESEL

            HEAVY DUTY VEHICLES       1459         655         5945          786          2411
            OFF HIGHWAY                220         171         2081          317           629
            RAIL                       178         404         2625          637           923
            TOTAL (DIESEL)            1857        1230        10651         1740          3963
    AIRCRAFT

        MILITARY                         2           0            1            3             6
        CIVIL                            3           2           23           65          1313
        COMMERCIAL                       1           2           21           19            59
        TOTAL (AIRCRAFT)                 6           4           45           87          1378
    VESSELS

        GASOLINE                         0           1            8          169           602
        TOTAL (VESSELS)                  0           1            8          169           602

    TOTAL (TRANSPORTATION)           15157        1876        25256        20018        192965
MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                   159           0           14          118           642
    GASOLINE STA EVAP LOSS               0           0            0         2358             0
    SOLVENT EVAPORATION LOSS             0           0            0         8951             0
    UNPAVED ROADS                     9128           0            0            0             0
    TOTAL (MISCELLANEOUS)             9287           0           14        11427           642
GRAND TOTAL
***********

    AREA SOURCES                     28917       14275        30809        37278        211757

    POINT SOURCES                     4736       26627        10770        14595          6056

    TOTAL                            33653       40902        41579        51873        217813
```

```
*** B12 ***                                                                                    *** B12 ***
             AREA SOURCES                 14           220           153             2            39
             POINT SOURCES                 6           104            84             2            14
         NATURAL GAS
             AREA SOURCES                 30             5           993            53           200
             POINT SOURCES                 0             0             4             0             1
         TOTAL (COMM-INST)
             AREA SOURCES                 52           345          1175            55           241
             POINT SOURCES               904          3304           487            17           145

      TOTAL (EXTERNAL COMB)
             AREA SOURCES               4968         25649         10541          4201         13659
             POINT SOURCES              6779         98045         24963           484          1834

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                    0            11            17             0             3
         NATURAL GAS                       0             0             3             0             0
         TOTAL (ELEC GEN)                  0            11            20             0             3

      INDUSTRIAL FUEL

         DISTILLATE OIL                   12            17           173            11            37
         NATURAL GAS                      15             1          5270          2170           666
         GASOLINE                          0             0             0             0             8
         OTHER                             0             0             3             0             1
         TOTAL (INDUSTRIAL)               27            18          5446          2181           712

      TOTAL (INTERNAL COMB)               27            29          5466          2181           715

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES               4968         25649         10541          4201         13659
             POINT SOURCES              6806         98074         30429          2665          2549
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                807             2             2          4716             0
   FOOD/AGRICULTURAL                    1933             0             0           362             0
   PRIMARY METAL                         187           403           201           278            81
   SECONDARY METALS                      679          1524            21            20          1250
   MINERAL PRODUCTS                     2193            69           155           487           128
   PETROLEUM INDUSTRY                    554          5581          1347          1349           104
   WOOD PRODUCTS                          15             0             0             0             0
   ORGANIC SOLVENT EVAPORATION            38             0             7          9615             1
   PETROLEUM STORAGE/TRANSPORT             0             0             0           987             0
   METAL FABRICATION                       2             0             0             2             0
   OTHER/NOT CLASSIFIED                    3             0             1             0             0
   TOTAL (INDUSTRIAL)                   6411          7579          1734         17816          1564
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OTHER INCINERATION                 639            40           160            24             0
      TOTAL (GOVERNMENT)                 639            40           160            24             0

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               839            13            26          2362          7084
      OPEN BURNING                      1732            65           443          2337          7409
      TOTAL (RESIDENTIAL)               2571            78           469          4699         14493
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:16 IOWA AQCR:068 METROPOLITAN DUBUQUE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	0	2	0	0	2
DISTILLATE OIL	12	131	82	4	22
NATURAL GAS	6	1	174	8	34
WOOD	362	4	29	749	2228
TOTAL (RESIDENTIAL)	380	138	285	761	2286
ELEC GENERATION (POINT)					
BITUMINOUS COAL	1254	4666	1106	4	78
DISTILLATE OIL	0	2	1	0	0
NATURAL GAS	0	0	62	0	4
TOTAL (ELEC GEN)	1254	4668	1169	4	82
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	307	1621	389	13	104
DISTILLATE OIL					
POINT SOURCES	2	29	11	0	3
NATURAL GAS					
AREA SOURCES	0	0	188	75	25
POINT SOURCES	4	1	423	15	44
LIQUID PETROL GAS					
POINT SOURCES	0	0	3	0	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	0	0	188	75	25
POINT SOURCES	313	1651	826	28	152
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	8	26	9	0	0
BITUMINOUS COAL					
AREA SOURCES	36	156	26	1	15
POINT SOURCES	1	5	1	0	0
RESIDUAL OIL					
AREA SOURCES	0	7	1	0	0
DISTILLATE OIL					
AREA SOURCES	1	27	19	0	6
POINT SOURCES	0	6	2	0	1
NATURAL GAS					
AREA SOURCES	3	1	105	6	21

*** B15 ***

SELECT CARD = <16   087   45>

*** B15 ***

```
*** B16 ***
                                                                                  *** B16 ***
SELECT CARD = <16    091                                       45>
STATE 16 COUNTY 1840 NOT FOUND IN POINT FILE
STATE 16 COUNTY 3640 NOT FOUND IN POINT FILE
```

```
*** B17 ***                                                                                        *** B17 ***
          AREA SOURCES                  10          237          157           15           36
          POINT SOURCES                  1           15            7            0            1
        NATURAL GAS
          AREA SOURCES                  67            7         2624          150          527
          POINT SOURCES                  2            0           38            1            5
        TOTAL (COMM-INST)
          AREA SOURCES                  83          280         2786          166          565
          POINT SOURCES                  3           15           45            1            6

      TOTAL (EXTERNAL COMB)
          AREA SOURCES                5413        16275       125665        47560        35157
          POINT SOURCES              43800       153678       193804          840         6518

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL                 118          147         2423         1178          517
        NATURAL GAS                     68            0        22808         4421         2988
        TOTAL (ELEC GEN)               186          147        25231         5599         3505

      INDUSTRIAL FUEL

        DISTILLATE OIL                   8            7          151           51           32
        NATURAL GAS                     53            0        91179        10574        12012
        TOTAL (INDUSTRIAL)              61            7        91330        10625        12044

      TOTAL (INTERNAL COMB)            247          154       116561        16224        15549

    TOTAL (FUEL COMBUSTION)

          AREA SOURCES                5413        16275       125665        47560        35157
          POINT SOURCES              44047       153832       310365        17064        22067

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            1228         4203         3966         3607        55182
    FOOD/AGRICULTURAL                54889            0            0           12           15
    PRIMARY METAL                        2            0            0            0            0
    SECONDARY METALS                   230            8           12            0          598
    MINERAL PRODUCTS                 18819         8678         4853         2052          497
    PETROLEUM INDUSTRY                1531         9232         8840         7350         3469
    WOOD PRODUCTS                        4            0            0            0            0
    ORGANIC SOLVENT EVAPORATION          1            0           15         7322            2
    PETROLEUM STORAGE/TRANSPORT          0            0            0        18735            0
    METAL FABRICATION                    1            0            0            0            0
    OTHER/NOT CLASSIFIED                 1        19311            0            0            0
    TOTAL (INDUSTRIAL)               76706        41432        17686        39078        59763

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

      MUNICIPAL INCINERATION             1            0            0            1            1
      OTHER INCINERATION                12            3           18            3            0
      TOTAL (GOVERNMENT)                13            3           18            4            1

    RESIDENTIAL (AREA)

      ON SITE INCINERATION            2071           33           64         5822        17469
      OPEN BURNING                    3515          133          897         4734        15017
      TOTAL (RESIDENTIAL)             5586          166          961        10556        32486

    COMMERCIAL-INSTITUTIONAL
```

```
*** B18 ***
SELECT CARD = <17    097                                                                 45>
```

```
*** C01 ***
          TOTAL (GASOLINE)              43131         1574        31843        43061       461711    *** C01 ***
      DIESEL

          HEAVY DUTY VEHICLES            3680         1469        13506         2006         6215
          OFF HIGHWAY                     163          126         1520          231          460
          RAIL                            127          288         1868          454          657
          TOTAL (DIESEL)                 3970         1883        16894         2691         7332
    AIRCRAFT

        MILITARY                          364           24          187          428          884
        CIVIL                              17            9           75          234         4694
        COMMERCIAL                         33           77          796          707         2193
        TOTAL (AIRCRAFT)                  414          110         1058         1369         7771
    VESSELS

        DIESEL FUEL                       127          158         1184          296          414
        RESIDUAL OIL                       22          290           48            3            2
        GASOLINE                            0           62          354         7761        27662
        TOTAL (VESSELS)                   149          510         1586         8060        28078

    TOTAL (TRANSPORTATION)              47664         4077        51381        55181       504892

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      162            0           38          182         1336
    FOREST MANAGED BURNING              10981           83         2197         7851        61490
    STRUCTURAL FIRES                      263            0           25          197         1073
    GASOLINE STA EVAP LOSS                  0            0            0         6762            0
    SOLVENT EVAPORATION LOSS                0            0            0        17425            0
    UNPAVED ROADS                       52885            0            0            0            0
    TOTAL (MISCELLANEOUS)               64291           83         2260        32417        63899
GRAND TOTAL
***********

    AREA SOURCES                       112552         4476        54627        88966       572448

    POINT SOURCES                        5529        94159        36124         4960         2724

    TOTAL                              118081        98635        90751        93926       575172
```

```
*** C02 ***                                                                                                   *** C02 ***
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************
                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:     MONDAY   NOVEMBER 28, 1983
STATE:10 FLORIDA        AQCR:052 WEST CENTRAL FLORIDA                AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          BITUMINOUS COAL             1              4              0              0              5
          DISTILLATE OIL             26            302            188              7             51
          NATURAL GAS                10              2            383             19             76
          WOOD                      941              9             72           1952           5804
          TOTAL (RESIDENTIAL)       978            317            643           1978           5936

       ELEC GENERATION (POINT)

          BITUMINOUS COAL          2294         259555         104458            215           1843
          RESIDUAL OIL             7837         131685          36601            415           2731
          DISTILLATE OIL              1             16              8              0              2
          NATURAL GAS                10              2           1826              4            133
          TOTAL (ELEC GEN)        10142         391258         142893            634           4709

       INDUSTRIAL FUEL

          RESIDUAL OIL
             POINT SOURCES         1039          15299           1314              6            120
          DISTILLATE OIL
             POINT SOURCES           92            682             69              1             20
          NATURAL GAS
             AREA SOURCES             2              0           1356            500            180
             POINT SOURCES           32              1           1328             10            149
          OTHER
             POINT SOURCES            5             13              3              2              4
          TOTAL (INDUSTRIAL)
             AREA SOURCES             2              0           1356            500            180
             POINT SOURCES         1168          15995           2714             19            293

       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             POINT SOURCES          200           2646            133              3             14
          DISTILLATE OIL
             AREA SOURCES            10            138             97              0             22
             POINT SOURCES            1            227             15              0              3
          TOTAL (COMM-INST)
             AREA SOURCES            10            138             97              0             22
             POINT SOURCES          201           2873            148              3             17

       TOTAL (EXTERNAL COMB)
             AREA SOURCES           990            455           2096           2478           6138
             POINT SOURCES        11511         410126         145755            656           5019
```

```
*** C03 ***                                                                                          *** C03 ***
        MILITARY                        2           0           1           2           4
        CIVIL                           0           0           4          21         426
        COMMERCIAL                      0           0           0           0           1
        TOTAL (AIRCRAFT)                2           0           5          23         431

    VESSELS

        DIESEL FUEL                   473         590        4407        1102        1542
        RESIDUAL OIL                  160        2115         348          21          11
        GASOLINE                        0          17         111        2397        8543
        TOTAL (VESSELS)               633        2722        4866        3520       10096

    TOTAL (TRANSPORTATION)           6295        3626       16772       11177       81646

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  972           9         227        1097        7995
    FOREST MANAGED BURNING           9164          70        1832        6552       51311
    AGRICULTURAL BURNING              772           0         109         713        5132
    STRUCTURAL FIRES                   59           0           3          43         235
    GASOLINE STA EVAP LOSS              0           0           0        1071           0
    SOLVENT EVAPORATION LOSS            0           0           0        2736           0
    UNPAVED ROADS                   42124           0           0           0           0
    TOTAL (MISCELLANEOUS)           53091          79        2171       12212       64673

GRAND TOTAL
***********

    AREA SOURCES                    61085        4449       19959       26338      155112

    POINT SOURCES                    5149       25470        9630        2020       50607

    TOTAL                           66234       29919       29589       28358      205719
```

```
                 AREA SOURCES          3593         7504         9527         6194         17373
                 POINT SOURCES         7223       424338        97830          492          1795
     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES          3593         7504         9527         6194         17373
                 POINT SOURCES         7223       424338        97830          492          1795
 INDUSTRIAL PROCESS (POINT)
 **************************

     CHEMICAL MANUFACTURING              40            0            0           75             0
     PRIMARY METAL                      412          305            0            0          7200
     SECONDARY METALS                    82          863            4            1             7
     MINERAL PRODUCTS                  1574         1178         1967         1157           600
     WOOD PRODUCTS                     1060            0            0            0             0
     ORGANIC SOLVENT EVAPORATION        222            0            0        15131             0
     PETROLEUM STORAGE/TRANSPORT          0            0            0         1599             0
     TEXTILE MANUFACTURING                8            0            0           17             0
     OTHER/NOT CLASSIFIED                 0            0            5            0             0
     TOTAL (INDUSTRIAL)                3398         2346         1976        17980          7807
 SOLID WASTE DISPOSAL
 ********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION           228            4            7          640          1920
         OPEN BURNING                  1620           61          412         2182          6923
         TOTAL (RESIDENTIAL)           1848           65          419         2822          8843

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES            11            2            6            7            18
         OPEN BURNING
                 AREA SOURCES            12            0            4           22            60
         TOTAL (COMM-INST)
                 AREA SOURCES            23            2           10           29            78
     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES             1            0            0            1             2
                 POINT SOURCES            7           11           43           10             0
         OPEN BURNING
                 AREA SOURCES           155            5           54          269           943
         TOTAL (INDUSTRIAL)
                 AREA SOURCES           156            5           54          270           945
                 POINT SOURCES            7           11           43           10             0
     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES          2027           72          483         3121          9866
                 POINT SOURCES            7           11           43           10             0
 TRANSPORTATION (AREA)
 *********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES      49857         1707        35668        46836        483192
             LIGHT DUTY TRUCKS         9573          476         9461        11925        106469
             HEAVY DUTY VEHICLES       2615          197         5998         8171        127968
             OFF HIGHWAY                114           61         1263         3357         42431
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT
**********************                                                     RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE 12:HAWAII                                                AREA EMISSIONS AS OF:  TUESDAY   NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES         SOX            NOX            VOC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              0              1              0              0              0
            NATURAL GAS                 4              0             72              4             16
            TOTAL (RESIDENTIAL)         4              1             72              4             16
        ELEC GENERATION (POINT)

            RESIDUAL OIL             2053          21716          17108            205           1042
            DISTILLATE OIL             84            838           1106             10             52
            TOTAL (ELEC GEN)         2137          22554          18214            215           1094
        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES         681           5077            827              7             44
            DISTILLATE OIL
                POINT SOURCES          38            892            323              8             74
            NATURAL GAS
                POINT SOURCES           3              1            523              1             38
            PROCESS GAS
                POINT SOURCES          90           4997            910             15             82
            BAGASSE
                POINT SOURCES         287              0            341             11             40
            OTHER
                POINT SOURCES           6              6             43              8              0
            TOTAL (INDUSTRIAL)
                POINT SOURCES        1105          10973           2967             50            278
        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES         100           1326            240              5             22
            DISTILLATE OIL
                AREA SOURCES          125           2709           1254             18            314
                POINT SOURCES          15            826            150              3             37
            NATURAL GAS
                AREA SOURCES            1              0             42              2              7
                POINT SOURCES           1              0             40              2              8
            TOTAL (COMM-INST)
                AREA SOURCES          126           2709           1296             20            321
                POINT SOURCES         116           2152            430             10             67
        TOTAL (EXTERNAL COMB)
                AREA SOURCES          130           2710           1368             24            337
```

SELECT CARD = <13 062 45>

```
*** C07 ***
    GOVERNMENT (POINT)                                                                                    *** C07 ***

        MUNICIPAL INCINERATION          33          3          3          2         38
        OTHER INCINERATION               1          0          0          0          0
        TOTAL (GOVERNMENT)              34          3          3          2         38

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          8421        122        266      23699      71087
        OPEN BURNING                  8395        316       2146      11319      35898
        TOTAL (RESIDENTIAL)          16816        438       2412      35018     106985

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES          407        625        181        141        446
        TOTAL (COMM-INST)
                POINT SOURCES          407        625        181        141        446

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES          298         76         55         66        323
        TOTAL (INDUSTRIAL)
                POINT SOURCES          298         76         55         66        323

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         16816        438       2412      35018     106985
                POINT SOURCES          739        704        239        209        807
TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     231560       7164     150931     211652    2340399
            LIGHT DUTY TRUCKS        42582       1985      40389      53054     501232
            HEAVY DUTY VEHICLES      12253        916      28475      39391     613932
            OFF HIGHWAY                856        459       9515      25303     319888
            TOTAL (GASOLINE)        287251      10524     229310     329400    3775451

        DIESEL

            HEAVY DUTY VEHICLES      29131      11149     102936      15939      49563
            OFF HIGHWAY               3007       2348      28316       4315       8563
            RAIL                      2754       6262      40641       9867      14283
            TOTAL (DIESEL)           34892      19759     171893      30121      72409

    AIRCRAFT

        MILITARY                       529         34        270        623       1284
        CIVIL                           68         34        329       1025      20523
        COMMERCIAL                     190        441       4586       4065      12628
        TOTAL (AIRCRAFT)               787        509       5185       5713      34435

    VESSELS

        DIESEL FUEL                     56         75        523        133        189
        GASOLINE                         0         92        516      11305      40294
        TOTAL (VESSELS)                 56        167       1039      11438      40483

    TOTAL (TRANSPORTATION)          322986      30959     407427     376672    3922778

MISCELLANEOUS (AREA)
```

```
*** C08 ***                                                                                                    *** C08 ***
SELECT CARD = <14    068                                                       45>
SELECT CARD = <14     072                                                                          45>
STATE 14 COUNTY 6340 NOT FOUND IN POINT FILE
```

TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	11792	445	9725	12334	128641
LIGHT DUTY TRUCKS	3599	194	4073	5045	45569
HEAVY DUTY VEHICLES	1238	106	3397	4068	64014
OFF HIGHWAY	76	41	850	2263	28595
TOTAL (GASOLINE)	16705	786	18045	23710	266819
DIESEL					
HEAVY DUTY VEHICLES	1724	730	6674	932	2873
OFF HIGHWAY	320	247	3001	457	910
RAIL	164	369	2399	580	843
TOTAL (DIESEL)	2208	1346	12074	1969	4626
AIRCRAFT					
MILITARY	82	5	42	96	198
CIVIL	6	2	27	88	1786
COMMERCIAL	8	17	183	162	504
TOTAL (AIRCRAFT)	96	24	252	346	2488
VESSELS					
DIESEL FUEL	14	17	125	31	45
GASOLINE	0	21	115	2522	8987
TOTAL (VESSELS)	14	38	240	2553	9032
TOTAL (TRANSPORTATION)	19023	2194	30611	28578	282965
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	200	0	48	227	1654
STRUCTURAL FIRES	187	0	15	138	748
GASOLINE STA EVAP LOSS	0	0	0	2497	0
SOLVENT EVAPORATION LOSS	0	0	0	10985	0
UNPAVED ROADS	44792	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	45181	0	63	13847	2402
GRAND TOTAL					
***********					
AREA SOURCES	72232	4458	34425	58370	333101
POINT SOURCES	36913	374552	97764	8976	2574
TOTAL	109145	379010	132189	67346	335675

```
*** C11 ***                                                                                    *** C11 ***
SELECT CARD = <15    077                                                      45>
```

COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	204	63	98	118	278
OPEN BURNING					
AREA SOURCES	4	0	2	8	21
TOTAL (COMM-INST)					
AREA SOURCES	208	63	100	126	299
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	74	14	14	68	103
POINT SOURCES	3	4	4	4	11
OPEN BURNING					
AREA SOURCES	60	2	22	102	354
TOTAL (INDUSTRIAL)					
AREA SOURCES	134	16	36	170	457
POINT SOURCES	3	4	4	4	11
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2913	157	605	4995	15249
POINT SOURCES	642	44	164	28	11
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	22515	800	17015	21990	232374
LIGHT DUTY TRUCKS	5409	278	5709	7057	64469
HEAVY DUTY VEHICLES	1605	121	3744	5025	78768
OFF HIGHWAY	61	33	681	1816	22948
TOTAL (GASOLINE)	29590	1232	27149	35888	398559
DIESEL					
HEAVY DUTY VEHICLES	4781	1957	17937	2597	8038
OFF HIGHWAY	245	192	2308	351	697
RAIL	379	859	5595	1358	1967
TOTAL (DIESEL)	5405	3008	25840	4306	10702
AIRCRAFT					
MILITARY	17	1	9	20	42
CIVIL	7	2	30	88	1760
COMMERCIAL	21	50	515	456	1417
TOTAL (AIRCRAFT)	45	53	554	564	3219
VESSELS					
GASOLINE	0	2	16	338	1204
TOTAL (VESSELS)	0	2	16	338	1204
TOTAL (TRANSPORTATION)	35040	4295	53559	41096	413684
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	319	0	29	238	1292
GASOLINE STA EVAP LOSS	0	0	0	5693	0
SOLVENT EVAPORATION LOSS	0	0	0	18704	0
UNPAVED ROADS	8934	0	0	0	0
UNPAVED AIRSTRIPS	28	0	0	0	0

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*** C13 ***
                                                                                                   *** C13 ***
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:084 WABASH VALLEY          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                       POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                           PARTICULATES         SOX           NOX           VOC            CO
                           ************    ************  ************  ************  ************
                            TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL            1             5             0             1            17
            BITUMINOUS COAL            0             2             0             0             2
            DISTILLATE OIL            42           484           302            10            85
            NATURAL GAS               42             3          1415            76           283
            WOOD                    4397            48           349          9125         27131
            TOTAL (RESIDENTIAL)     4482           542          2066          9212         27518
        ELEC GENERATION (POINT)

            BITUMINOUS COAL         5944        288390         66999           289          2420
            DISTILLATE OIL             0           236           121             1            32
            NATURAL GAS                0             0             6             1             1
            TOTAL (ELEC GEN)        5944        288626         67126           291          2453
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        2457         20808          4498            16           579
                POINT SOURCES        570         15012          2782            23           901
            LIGNITE
                POINT SOURCES          7           478            31             0            31
            RESIDUAL OIL
                AREA SOURCES          78          1001           233             0            21
                POINT SOURCES        118          1482           655             8            49
            DISTILLATE OIL
                AREA SOURCES          15           188           213             6            50
                POINT SOURCES         14           229            87             2            16
            NATURAL GAS
                AREA SOURCES          29             5          1422            27           356
                POINT SOURCES         11             0           884             7           103
            PROCESS GAS
                POINT SOURCES          0             0             1             0             0
            WOOD
                POINT SOURCES         87             6            19            19            38
            OTHER
                POINT SOURCES         13          1216            67             3            18
            TOTAL (INDUSTRIAL)
                AREA SOURCES        2579         22002          6366            49          1006
                POINT SOURCES        820         18423          4526            62          1156

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
```

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*** C14 ***                                                                                  *** C14 ***
                   POINT SOURCES            0          0          2          0          0
           TOTAL (COMM-INST)
                   AREA SOURCES            48        217        160          7         42
                   POINT SOURCES            1         11          5          0          1
       TOTAL (EXTERNAL COMB)
                   AREA SOURCES           428        355        633        843       2353
                   POINT SOURCES         1568       6330       2000         32        235
    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                   0          3          7          0          2
           NATURAL GAS                      0          0          1          0          0
           OTHER                            0          0          1          0          0
           TOTAL (ELEC GEN)                 0          3          9          0          2

       INDUSTRIAL FUEL

           GASOLINE                         0          0          1          1         40
           TOTAL (INDUSTRIAL)               0          0          1          1         40

       TOTAL (INTERNAL COMB)                0          3         10          1         42

    TOTAL (FUEL COMBUSTION)

                   AREA SOURCES           428        355        633        843       2353
                   POINT SOURCES         1568       6333       2010         33        277
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  0       1524          0          0          0
    FOOD/AGRICULTURAL                    2045          0          0          2         15
    SECONDARY METALS                      137         25          3          0       4933
    MINERAL PRODUCTS                       11          2          1          2          1
    ORGANIC SOLVENT EVAPORATION             0          0          0        264          0
    TOTAL (INDUSTRIAL)                   2193       1551          4        268       4949
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              122          1          5        345       1034
        OPEN BURNING                      248          9         63        333       1057
        TOTAL (RESIDENTIAL)               370         10         68        678       2091
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               47         15         22         27         66
        TOTAL (COMM-INST)
                AREA SOURCES               47         15         22         27         66
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               12          2          2         11         17
                POINT SOURCES               0          0          0          1          3
        TOTAL (INDUSTRIAL)
                AREA SOURCES               12          2          2         11         17
                POINT SOURCES               0          0          0          1          3
    TOTAL (SOLID WASTE DISP)
```

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                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:16 IOWA            AQCR:087 METROPOLITAN SIOUX FALLS            AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                                      POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                PARTICULATES       SOX            NOX            VOC            CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            0              1              0              0              1
            DISTILLATE OIL             2             20             13              0              4
            NATURAL GAS                0              0             17              1              3
            WOOD                      38              0              3             79            235
            TOTAL (RESIDENTIAL)       40             21             33             80            243
        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES           0              2              1              0              0
            BITUMINOUS COAL
                AREA SOURCES           2              9              1              0              1
            DISTILLATE OIL
                AREA SOURCES           0              2              2              0              0
            NATURAL GAS
                AREA SOURCES           0              0              6              0              1
            TOTAL (COMM-INST)
                AREA SOURCES           2             13             10              0              2

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          42             34             43             80            245
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          42             34             43             80            245
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                163              0              0              0              0
    MINERAL PRODUCTS                   1              0              0              0              0
    TOTAL (INDUSTRIAL)               164              0              0              0              0
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          12              0              0             35            105
        OPEN BURNING                  23              1              6             30             97
        TOTAL (RESIDENTIAL)           35              1              6             65            202
```

NATIONAL EMISSIONS DATA SYSTEM
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ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****

STATE:16 IOWA AQCR:091 SOUTHEAST IOWA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	8	29	0	5	43
DISTILLATE OIL	8	101	62	2	18
NATURAL GAS	12	1	394	21	78
WOOD	669	7	52	1389	4128
TOTAL (RESIDENTIAL)	697	138	508	1417	4267
ELEC GENERATION (POINT)					
BITUMINOUS COAL	2682	10522	13096	68	421
RESIDUAL OIL	2	25	9	0	1
DISTILLATE OIL	42	258	135	6	23
NATURAL GAS	1	0	102	2	8
TOTAL (ELEC GEN)	2727	10805	13342	76	453
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	46	510	22	0	17
RESIDUAL OIL					
POINT SOURCES	29	507	9	0	1
DISTILLATE OIL					
POINT SOURCES	2	37	16	0	4
NATURAL GAS					
AREA SOURCES	0	0	302	120	40
POINT SOURCES	14	0	62	1	15
LIQUID PETROL GAS					
POINT SOURCES	0	0	2	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	0	0	302	120	40
POINT SOURCES	91	1054	111	1	37
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	12	42	15	0	0
BITUMINOUS COAL					
AREA SOURCES	57	244	41	1	24
RESIDUAL OIL					
AREA SOURCES	0	8	1	0	0
DISTILLATE OIL					
AREA SOURCES	1	45	31	0	7
NATURAL GAS					

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        ON SITE INCINERATION
                AREA SOURCES              253          80         120         146         347
        OPEN BURNING
                AREA SOURCES               33           0           4          62         136
        TOTAL (COMM-INST)
                AREA SOURCES              286          80         124         208         483
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               30           6           6          27          40
                POINT SOURCES               4           0           1           2          20
        OPEN BURNING
                AREA SOURCES               63           0          31          97         325
        TOTAL (INDUSTRIAL)
                AREA SOURCES               93           6          37         124         365
                POINT SOURCES               4           0           1           2          20

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             5965         252        1122       10888       33334
                POINT SOURCES              17           3          19           6          21
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

      GASOLINE

            LIGHT DUTY VEHICLES         43845        1576       34265       45001      467361
            LIGHT DUTY TRUCKS           16642         900       18450       22777      203931
            HEAVY DUTY VEHICLES          2470         215        6907        7931      125458
            OFF HIGHWAY                   128          67        1574        4202       53073
            TOTAL (GASOLINE)            63085        2758       61196       79911      849823
      DIESEL

            HEAVY DUTY VEHICLES          9902        4137       37812        5374       16598
            OFF HIGHWAY                  1889        1479       17788        2712        5379
            RAIL                         2006        4564       29594        7188       10401
            TOTAL (DIESEL)              13797       10180       85194       15274       32378
    AIRCRAFT

        MILITARY                          498          31         255         585        1208
        CIVIL                              25           7         167         524       10616
        COMMERCIAL                         18          38         394         350        1087
        TOTAL (AIRCRAFT)                  541          76         816        1459       12711
    VESSELS

        GASOLINE                            0          25         158        3435       12331
        TOTAL (VESSELS)                     0          25         158        3435       12331

    TOTAL (TRANSPORTATION)              77423       13039      147364      100079      907243
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2178           0         522        2467       17968
    AGRICULTURAL BURNING                 3480           0         494        3208       23133
    STRUCTURAL FIRES                      641           0          52         486        2625
    GASOLINE STA EVAP LOSS                  0           0           0       11357           0
    SOLVENT EVAPORATION LOSS                0           0           0       34640           0
    UNPAVED ROADS                     1672566           0           0           0           0
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                                   NATIONAL EMISSIONS DATA SYSTEM
                                  ********************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                  *********************************

STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:17 KANSAS          AQCR:097 NORTHWEST KANSAS         AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                           PARTICULATES       SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                5             0           310            13            61
         WOOD                     138             0            10           283           832
         TOTAL (RESIDENTIAL)      143             0           320           296           893

      ELEC GENERATION (POINT)

         RESIDUAL OIL              15            31           127             0             4
         DISTILLATE OIL             1             8             8             0             2
         NATURAL GAS               10             1          2022             3           106
         TOTAL (ELEC GEN)          26            40          2157             3           112

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           70           494           123             0            14
         RESIDUAL OIL
            AREA SOURCES            5            89            19             0             1
            POINT SOURCES          19           231            45             0             2
         DISTILLATE OIL
            AREA SOURCES            2            30            35             1             8
         NATURAL GAS
            AREA SOURCES           23             4          8003          2876          1052
            POINT SOURCES           9             2           573             7            39
         TOTAL (INDUSTRIAL)
            AREA SOURCES          100           617          8180          2877          1075
            POINT SOURCES          28           233           618             7            41

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            0             1             0             0             0
         DISTILLATE OIL
            AREA SOURCES            0            12             7             0             2
         NATURAL GAS
            AREA SOURCES            2             0           162             5            36
         TOTAL (COMM-INST)
            AREA SOURCES            2            13           169             5            38

      TOTAL (EXTERNAL COMB)
            AREA SOURCES          245           630          8669          3178          2006
            POINT SOURCES          54           273          2775            10           153

   INTERNAL COMBUSTION (POINT)
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SELECT CARD = <10    049                                                                45>
STATE 10 COUNTY 0760 NOT FOUND IN POINT FILE
STATE 10 COUNTY 1220 NOT FOUND IN POINT FILE
STATE 10 COUNTY 1360 NOT FOUND IN POINT FILE
STATE 10 COUNTY 1500 NOT FOUND IN POINT FILE
STATE 10 COUNTY 2000 NOT FOUND IN POINT FILE
STATE 10 COUNTY 2080 NOT FOUND IN POINT FILE
STATE 10 COUNTY 2500 NOT FOUND IN POINT FILE
STATE 10 COUNTY 3940 NOT FOUND IN POINT FILE
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    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL              37          452          744          52          169
            NATURAL GAS                  2            0           59           1           16
            TOTAL (ELEC GEN)            39          452          803          53          185

        TOTAL (INTERNAL COMB)           39          452          803          53          185

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           990          455         2096        2478         6138
                POINT SOURCES        11550       410578       146558         709         5204
INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING           12137        50381         6283         110           42
    FOOD/AGRICULTURAL                 1254           24            0           0            0
    PRIMARY METAL                       12         1260            0           0            0
    SECONDARY METALS                    38          635            0           0            0
    MINERAL PRODUCTS                 13147        30693         3675         145         1627
    PETROLEUM INDUSTRY                   1           69            3           0            0
    OTHER/NOT CLASSIFIED                72         1568            0           2            0
    TOTAL (INDUSTRIAL)               26661        84630         9961         257         1669
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           195            3            5         552         1655
        OPEN BURNING                  2554           95          653        3445        10930
        TOTAL (RESIDENTIAL)           2749           98          658        3997        12585
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            29            8           13          17           38
        TOTAL (COMM-INST)
                AREA SOURCES            29            8           13          17           38
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            19            4            4          18           28
                POINT SOURCES           12            0            8          75          555
        OPEN BURNING
                AREA SOURCES             2            0            1           3           10
        TOTAL (INDUSTRIAL)
                AREA SOURCES            21            4            5          21           38
                POINT SOURCES           12            0            8          75          555

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          2799          110          676        4035        12661
                POINT SOURCES           12            0            8          75          555
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      54504         1856        37701       49259       498111
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SELECT CARD = <11     053                                                              45>
STATE 11 COUNTY 0680 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2980 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4540 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4800 NOT FOUND IN POINT FILE
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          TOTAL (GASOLINE)          62159        2441        52390        70289       760060
      DIESEL

          HEAVY DUTY VEHICLES        9701        3848        35395         5293        16407
          OFF HIGHWAY                 188         145         1771          271          531
          RAIL                        392         892         5785         1404         2033
          TOTAL (DIESEL)            10281        4885        42951         6968        18971
   AIRCRAFT

       MILITARY                       309          20          159          364          751
       CIVIL                           18           9           84          257         5140
       COMMERCIAL                     137         317         3285         2913         9048
       TOTAL (AIRCRAFT)               464         346         3528         3534        14939
   VESSELS

       GASOLINE                         0           0            9          141          501
       TOTAL (VESSELS)                  0           0            9          141          501

   TOTAL (TRANSPORTATION)           72904        7672        98878        80932       794471

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   850           6          201          965         7010
   FOREST MANAGED BURNING             328           0           67          234         1841
   AGRICULTURAL BURNING               105           0           15           95          698
   STRUCTURAL FIRES                   490           0           45          365         1991
   GASOLINE STA EVAP LOSS               0           0            0        11657            0
   SOLVENT EVAPORATION LOSS             0           0            0        37055            0
   UNPAVED ROADS                    66339           0            0            0            0
   TOTAL (MISCELLANEOUS)            68112           6          328        50371        11540
GRAND TOTAL
***********

   AREA SOURCES                    146636       15254       109216       140618       833250

   POINT SOURCES                    10628      426695        99849        18482         9602

   TOTAL                           157264      441949       209065       159100       842852
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*** D05 ***

POINT SOURCES	3358	35679	21611	275	1439	*** D05 ***
INTERNAL COMBUSTION (POINT)						
ELECTRIC GENERATION						
DISTILLATE OIL	430	395	5933	463	1291	
TOTAL (ELEC GEN)	430	395	5933	463	1291	
INDUSTRIAL FUEL						
DISTILLATE OIL	4	4	66	6	14	
TOTAL (INDUSTRIAL)	4	4	66	6	14	
TOTAL (INTERNAL COMB)	434	399	5999	469	1305	
TOTAL (FUEL COMBUSTION)						
AREA SOURCES	130	2710	1368	24	337	
POINT SOURCES	3792	36078	27610	744	2744	
INDUSTRIAL PROCESS (POINT) **************************						
CHEMICAL MANUFACTURING	35	945	0	0	0	
FOOD/AGRICULTURAL	18	24	6	0	0	
SECONDARY METALS	30	121	27	0	2	
MINERAL PRODUCTS	3308	2524	625	76	13	
PETROLEUM INDUSTRY	303	4697	1253	492	66	
ORGANIC SOLVENT EVAPORATION	0	0	0	336	0	
PETROLEUM STORAGE/TRANSPORT	0	0	0	4681	4	
OTHER/NOT CLASSIFIED	35	269	230	0	0	
TOTAL (INDUSTRIAL)	3729	8580	2141	5585	85	
SOLID WASTE DISPOSAL ********************						
GOVERNMENT (POINT)						
MUNICIPAL INCINERATION	46	139	166	0	1941	
TOTAL (GOVERNMENT)	46	139	166	0	1941	
RESIDENTIAL (AREA)						
ON SITE INCINERATION	859	13	27	2416	7247	
OPEN BURNING	576	22	148	777	2466	
TOTAL (RESIDENTIAL)	1435	35	175	3193	9713	
COMMERCIAL-INSTITUTIONAL						
OPEN BURNING						
AREA SOURCES	2	0	1	3	9	
TOTAL (COMM-INST)						
AREA SOURCES	2	0	1	3	9	
INDUSTRIAL						
ON SITE INCINERATION						
AREA SOURCES	1	0	0	1	2	
POINT SOURCES	6	1	1	11	23	
OPEN BURNING						
AREA SOURCES	13	0	5	22	75	
TOTAL (INDUSTRIAL)						
AREA SOURCES	14	0	5	23	77	
POINT SOURCES	6	1	1	11	23	

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                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:13 IDAHO          AQCR:062 EASTERN WASHINGTON-NORTHERN ID             AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                           POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                               PARTICULATES        SOX            NOX            VOC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 14              53              3              9             85
         DISTILLATE OIL                   4             101             25              0              7
         NATURAL GAS                      2               0             58              3             13
         WOOD                          2501              26            198           5190          15430
         TOTAL (RESIDENTIAL)           2521             180            284           5202          15535
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  9              59             16              0              2
         DISTILLATE OIL
            AREA SOURCES                  6             148             67              1             16
         NATURAL GAS
            AREA SOURCES                  0               0             10              3              1
            POINT SOURCES                 6               1            899              4             83
         WOOD
            POINT SOURCES              1169              65            788            853           2009
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 15             207             93              4             19
            POINT SOURCES              1175              66           1687            857           2092
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 27             107             20              0             12
         DISTILLATE OIL
            AREA SOURCES                  0              20              5              0              1
         NATURAL GAS
            AREA SOURCES                  0               0             32              1              7
         TOTAL (COMM-INST)
            AREA SOURCES                 27             127             57              1             20
      TOTAL (EXTERNAL COMB)
            AREA SOURCES               2563             514            434           5207          15574
            POINT SOURCES              1175              66           1687            857           2092
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               2563             514            434           5207          15574
            POINT SOURCES              1175              66           1687            857           2092
INDUSTRIAL PROCESS (POINT)
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*******************                                                                                   *** D07 ***

    FOREST WILDFIRES                         647           0             155            731             5309
    STRUCTURAL FIRES                        3175           0             293           2377            12909
    GASOLINE STA EVAP LOSS                     0           0               0          42514                0
    SOLVENT EVAPORATION LOSS                   0           0               0         196445                0
    UNPAVED ROADS                         342164           0               0              0                0
    UNPAVED AIRSTRIPS                         40           0               0              0                0
    TOTAL (MISCELLANEOUS)                 346026           0             448         242067            18218

GRAND TOTAL
***********

    AREA SOURCES                          727374       76668          465770         729991          4273379

    POINT SOURCES                         230019     1257236          656505         216706           319461

    TOTAL                                 957393     1333904         1122275         946697          4592840
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*** D08 ***
                                                                                                   *** D08 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:14 ILLINOIS       AQCR:068 METROPOLITAN DUBUQUE        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX           NOX           VOC           CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 2            23            14             1             4
         NATURAL GAS                    1             0            43             2             9
         WOOD                         391             4            31           813          2415
         TOTAL (RESIDENTIAL)          394            27            88           816          2428
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                4            32             7             0             1
         NATURAL GAS
            AREA SOURCES                0             0            21             4             2
            POINT SOURCES               1             0            58             2           255
         PROCESS GAS
            POINT SOURCES               0             0             0            84             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                4            32            28             4             3
            POINT SOURCES               1             0            58            86           255
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                0             1             0             0             0
         BITUMINOUS COAL
            AREA SOURCES                1             3             0             0             0
         DISTILLATE OIL
            AREA SOURCES                1             7             5             0             1
         NATURAL GAS
            AREA SOURCES                0             0            11             1             2
         TOTAL (COMM-INST)
            AREA SOURCES                2            11            16             1             3
      TOTAL (EXTERNAL COMB)
            AREA SOURCES              400            70           132           821          2434
            POINT SOURCES               1             0            58            86           255
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              400            70           132           821          2434
            POINT SOURCES               1             0            58            86           255
INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** D09 ***
                                                                                                  *** D09 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************
                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                        RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:14 ILLINOIS        AQCR:072 PADUCAH-CAIRO        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                      POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES       SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           10             47              1              8             60
         DISTILLATE OIL             0              8              4              0              1
         NATURAL GAS                3              0            102              5             20
         WOOD                    3376             35            267           7010          20835
         TOTAL (RESIDENTIAL)     3389             90            374           7023          20916

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         3416          87158          24963            413           1504
         DISTILLATE OIL             0             21              9              0              4
         TOTAL (ELEC GEN)        3416          87179          24972            413           1508

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           19            163             35              0              5
            POINT SOURCES         376           1173            306              1            113
         DISTILLATE OIL
            POINT SOURCES           1              5              0              0              0
         NATURAL GAS
            AREA SOURCES            0              0             50              8              5
         TOTAL (INDUSTRIAL)
            AREA SOURCES           19            163             85              8             10
            POINT SOURCES         377           1178            306              1            113

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            0              1              0              0              0
         BITUMINOUS COAL
            AREA SOURCES            0              9              0              0              0
            POINT SOURCES           9             72              9              0              1
         DISTILLATE OIL
            AREA SOURCES            0              6              4              0              0
            POINT SOURCES           1             21             12              0              2
         NATURAL GAS
            AREA SOURCES            0              0             23              0              5
         TOTAL (COMM-INST)
            AREA SOURCES            0             16             27              0              5
            POINT SOURCES          10             93             21              0              3

      TOTAL (EXTERNAL COMB)
```

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*** D10 ***
SELECT CARD = <15                                                          25>                     *** D10 ***
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:      MONDAY  NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:077 EVANSVILLE-OWENSBORO-HENDERSON     AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES          SOX             NOX             VOC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              0                5               0               0              14
         DISTILLATE OIL               7               82              50               0              15
         NATURAL GAS                 19                2             585              30             116
         WOOD                      1350               16             107            2800            8324
         TOTAL (RESIDENTIAL)       1376              103             742            2830            8469
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           7848           519846          121373             423            3507
         RESIDUAL OIL                 0                1               2               0               0
         DISTILLATE OIL               0               85              60               0              12
         TOTAL (ELEC GEN)          7848           519932          121435             423            3519
      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES          853             7229            1565               4             203
              POINT SOURCES        3855            11984            2764              18             588
         RESIDUAL OIL
              AREA SOURCES           24              314              72               0               7
              POINT SOURCES          16              221             118               0              11
         DISTILLATE OIL
              AREA SOURCES            6               67              76               2              19
              POINT SOURCES           2                9               3               0               0
         NATURAL GAS
              AREA SOURCES            8                1             455               8             113
              POINT SOURCES           1                0             118               3              16
         WOOD
              POINT SOURCES         182                3              34              29              62
         TOTAL (INDUSTRIAL)
              AREA SOURCES          891             7611            2168              16             342
              POINT SOURCES        4056            12217            3037              50             677
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
              POINT SOURCES           3              109              23               0              15
         RESIDUAL OIL
              AREA SOURCES            2               29               6               0               0
         DISTILLATE OIL
              AREA SOURCES            2               54              38               0               9
              POINT SOURCES           1                7               1               1               0
         NATURAL GAS
```

```
*** D12 ***
    TOTAL (MISCELLANEOUS)              9281          0          29       24635        1292   *** D12 ***
GRAND TOTAL
***********

    AREA SOURCES                      52202      30101       64734       74927      443884

    POINT SOURCES                     13859     105697       32327       20509        4124

    TOTAL                             66061     135798       97061       95436      448008
```

POINT SOURCES	635	10596	1106	10	479
RESIDUAL OIL					
AREA SOURCES	3	61	13	0	0
POINT SOURCES	6	114	45	0	4
DISTILLATE OIL					
AREA SOURCES	4	112	80	0	17
POINT SOURCES	1	11	14	0	4
NATURAL GAS					
AREA SOURCES	12	2	462	23	91
POINT SOURCES	1	0	44	1	10
WOOD					
POINT SOURCES	1	0	0	1	1
TOTAL (COMM-INST)					
AREA SOURCES	19	175	555	23	108
POINT SOURCES	644	10721	1209	12	498
TOTAL (EXTERNAL COMB)					
AREA SOURCES	7080	22719	8987	9284	28632
POINT SOURCES	7408	317770	72861	365	4107
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	17	135	95	16	52
NATURAL GAS	6	0	496	145	87
TOTAL (ELEC GEN)	23	135	591	161	139
INDUSTRIAL FUEL					
NATURAL GAS	13	1	2513	62	350
TOTAL (INDUSTRIAL)	13	1	2513	62	350
TOTAL (INTERNAL COMB)	36	136	3104	223	489
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	7080	22719	8987	9284	28632
POINT SOURCES	7444	317906	75965	588	4596
INDUSTRIAL PROCESS (POINT) ************************					
CHEMICAL MANUFACTURING	237	0	2665	3697	14
FOOD/AGRICULTURAL	4858	1984	330	23	2
PRIMARY METAL	257	8	4	174	4769
SECONDARY METALS	579	15	4	753	1143
MINERAL PRODUCTS	8668	1958	820	722	83
PETROLEUM INDUSTRY	0	0	0	7	0
WOOD PRODUCTS	211	0	0	29	0
ORGANIC SOLVENT EVAPORATION	19	0	1	5988	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	624	0
METAL FABRICATION	2	0	0	25	0
OTHER/NOT CLASSIFIED	0	1640	0	0	0
TOTAL (INDUSTRIAL)	14831	5605	3824	12042	6011
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	611	3	17	1716	5143
OPEN BURNING	1259	46	322	1698	5382
TOTAL (RESIDENTIAL)	1870	49	339	3414	10525
COMMERCIAL-INSTITUTIONAL					

AREA SOURCES	429	27	92	716	2174
POINT SOURCES	0	0	0	1	3
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1982	77	1697	2102	21942
LIGHT DUTY TRUCKS	634	35	734	886	8019
HEAVY DUTY VEHICLES	228	20	638	750	11824
OFF HIGHWAY	9	6	99	264	3338
TOTAL (GASOLINE)	2853	138	3168	4002	45123
DIESEL					
HEAVY DUTY VEHICLES	643	282	2565	347	1068
OFF HIGHWAY	132	104	1238	188	374
RAIL	25	57	370	90	129
TOTAL (DIESEL)	800	443	4173	625	1571
AIRCRAFT					
MILITARY	1	0	0	1	2
CIVIL	1	1	7	20	407
COMMERCIAL	2	5	50	44	137
TOTAL (AIRCRAFT)	4	6	57	65	546
VESSELS					
DIESEL FUEL	2	3	22	6	8
GASOLINE	0	9	48	1067	3801
TOTAL (VESSELS)	2	12	70	1073	3809
TOTAL (TRANSPORTATION)	3659	599	7468	5765	51049
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	7	0	2	9	65
STRUCTURAL FIRES	38	0	4	27	153
GASOLINE STA EVAP LOSS	0	0	0	442	0
SOLVENT EVAPORATION LOSS	0	0	0	1895	0
UNPAVED ROADS	36440	0	0	0	0
TOTAL (MISCELLANEOUS)	36485	0	6	2373	218
GRAND TOTAL					
***********					
AREA SOURCES	41001	981	8199	9697	55794
POINT SOURCES	3761	7884	2014	302	5229
TOTAL	44762	8865	10213	9999	61023

```
*** D15 ***
    COMMERCIAL-INSTITUTIONAL                                                                                  *** D15 ***

        ON SITE INCINERATION
                AREA SOURCES                    5              1              2              3              6
        TOTAL (COMM-INST)
                AREA SOURCES                    5              1              2              3              6
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    1              0              0              1              2
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    1              0              0              1              2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   41              2              8             69            210
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                91              6            135            130           1167
            LIGHT DUTY TRUCKS                  40              4             75             72            566
            HEAVY DUTY VEHICLES                21              3             88             73           1186
            OFF HIGHWAY                         1              0              7             20            249
            TOTAL (GASOLINE)                  153             13            305            295           3168
        DIESEL

            HEAVY DUTY VEHICLES                46             26            230             24             72
            OFF HIGHWAY                        25             20            235             36             71
            RAIL                                2              5             35              9             12
            TOTAL (DIESEL)                     73             51            500             69            155
    AIRCRAFT

        CIVIL                                   0              0              1              3             55
        TOTAL (AIRCRAFT)                        0              0              1              3             55

    TOTAL (TRANSPORTATION)                    226             64            806            367           3378
MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                            4              0              0              3             15
    GASOLINE STA EVAP LOSS                      0              0              0             39              0
    SOLVENT EVAPORATION LOSS                    0              0              0             86              0
    UNPAVED ROADS                            8447              0              0              0              0
    TOTAL (MISCELLANEOUS)                    8451              0              0            128             15
GRAND TOTAL
***********

    AREA SOURCES                             8760            100            857            644           3848

    POINT SOURCES                             164              0              0              0              0

    TOTAL                                    8924            100            857            644           3848
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*** D16 ***                                                                                  *** D16 ***
                AREA SOURCES              3          0         166           9          34
               POINT SOURCES              0          0           1           0           0
           TOTAL (COMM-INST)
                AREA SOURCES             73        339         254          10          65
               POINT SOURCES              0          0           1           0           0

       TOTAL (EXTERNAL COMB)
                AREA SOURCES            770        477        1064        1547        4372
               POINT SOURCES           2818      11859       13454          77         490
   INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           NATURAL GAS                   26         68         272          25           0
           TOTAL (ELEC GEN)              26         68         272          25           0

       INDUSTRIAL FUEL

           DISTILLATE OIL                 2          6          24           2           5
           TOTAL (INDUSTRIAL)             2          6          24           2           5

       TOTAL (INTERNAL COMB)             28         74         296          27           5

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES             770        477        1064        1547        4372
              POINT SOURCES            2846      11933       13750         104         495
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               46          0           0          19           0
    FOOD/AGRICULTURAL                  1874          0           0           0           0
    SECONDARY METALS                    170          7           1           0        1367
    MINERAL PRODUCTS                    259          7          14           8           6
    ORGANIC SOLVENT EVAPORATION           0          0           0           1           0
    OTHER/NOT CLASSIFIED                  6          0           0           0           0
    TOTAL (INDUSTRIAL)                 2355         14          15          28        1373
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION             215          2           6         604        1813
       OPEN BURNING                     430         17         110         580        1840
       TOTAL (RESIDENTIAL)              645         19         116        1184        3653

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES              84         28          41          51         116
              POINT SOURCES               0          0           0           1          10
       TOTAL (COMM-INST)
               AREA SOURCES              84         28          41          51         116
              POINT SOURCES               0          0           0           1          10

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES              20          2           2          20          31
       TOTAL (INDUSTRIAL)
               AREA SOURCES              20          2           2          20          31

   TOTAL (SOLID WASTE DISP)
```

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    UNPAVED AIRSTRIPS                       141           0           0           0           0
    TOTAL (MISCELLANEOUS)               1679006           0        1068       52158       43726

GRAND TOTAL
***********

    AREA SOURCES                        1767807       29566      275219      210685     1019460

    POINT SOURCES                        120770      195267      328070       56148       81851

    TOTAL                               1888577      224833      603289      266833     1101311
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*** D18 ***
        ELECTRIC GENERATION                                                                         *** D18 ***

            DISTILLATE OIL                      54         56        1028        518         222
            NATURAL GAS                         20          0        8397       1368        1057
            TOTAL (ELEC GEN)                    74         56        9425       1886        1279

        INDUSTRIAL FUEL

            NATURAL GAS                          0          0        4384        447         556
            TOTAL (INDUSTRIAL)                   0          0        4384        447         556

        TOTAL (INTERNAL COMB)                   74         56       13809       2333        1835

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   245        630        8669       3178        2006
                POINT SOURCES                  128        329       16584       2343        1988
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                       0          0           0         25           0
    FOOD/AGRICULTURAL                        12068          0           0          0           0
    MINERAL PRODUCTS                           182          0           0        160          20
    PETROLEUM INDUSTRY                         309       1003         545        324         189
    PETROLEUM STORAGE/TRANSPORT                  0          0           0        948           0
    TOTAL (INDUSTRIAL)                       12559       1003         545       1457         209
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                           383         17          96        513        1633
        TOTAL (RESIDENTIAL)                    383         17          96        513        1633

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                     1          0           0          2           4
        TOTAL (COMM-INST)
                AREA SOURCES                     1          0           0          2           4

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                     2          0           1          3          10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                     2          0           1          3          10

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   386         17          97        518        1647
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               2590        125        2791       3100       29711
            LIGHT DUTY TRUCKS                 1528        105        2110       2190       18464
            HEAVY DUTY VEHICLES                298         32        1063       1000       16017
            OFF HIGHWAY                          4          2          94        256        3195
            TOTAL (GASOLINE)                  4420        264        6058       6546       67387
```

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*** E01 ***
                                                                                          *** E01 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                         RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:10 FLORIDA        AQCR:049 JACKSONVILLE-BRUNSWICK   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES       SOX            NOX            VOC             CO
                            ************  ************   ************   ************   ************
                             TONS / YR     TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             3            12              0              1             17
         DISTILLATE OIL             25           304            187              6             51
         NATURAL GAS                12             1            486             24             99
         WOOD                     8938            95            706          18547          55120
         TOTAL (RESIDENTIAL)      8978           412           1379          18578          55287
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           481          2587           2019              7             58
         RESIDUAL OIL             4848         64601          15636            301           1311
         NATURAL GAS                54            14           7059            104           1872
         TOTAL (ELEC GEN)         5383         67202          24714            412           3241
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          202          5652           4530             94            129
         RESIDUAL OIL
            POINT SOURCES         2836         35430           4921             25            420
         DISTILLATE OIL
            POINT SOURCES          411           961            378              4             95
         NATURAL GAS
            AREA SOURCES             1             0            902            336            119
            POINT SOURCES          116             5           4157             63            825
         WOOD
            POINT SOURCES         3616          1068           8771           9940          22605
         LIQUID PETROL GAS
            POINT SOURCES            0             0            503            183            126
         OTHER
            POINT SOURCES            8             0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             1             0            902            336            119
            POINT SOURCES         7189         43116          23260          10309          24200
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             0             2              0              0              0
         RESIDUAL OIL
            POINT SOURCES          972          4025            884             19             81
         DISTILLATE OIL
            AREA SOURCES             7           129             91              0             21
            POINT SOURCES           48          2058            475              8            118
```

```
*** E02 ***                                                                                                  *** E02 ***
          LIGHT DUTY TRUCKS                 9954          486          8992         10910         96520
          HEAVY DUTY VEHICLES               2185          168          4986          6552        103400
          OFF HIGHWAY                        114           62          1267          3369         42602
          TOTAL (GASOLINE)                 66757         2572         52946         70090        740633
       DIESEL

          HEAVY DUTY VEHICLES               6770         2793         25569          3678         11371
          OFF HIGHWAY                        275          214          2568           392           776
          RAIL                               208          475          3085           749          1085
          TOTAL (DIESEL)                    7253         3482         31222          4819         13232
    AIRCRAFT

       MILITARY                              361           23           186           425           876
       CIVIL                                  17            9            77           239          4776
       COMMERCIAL                             44          102          1058           937          2913
       TOTAL (AIRCRAFT)                      422          134          1321          1601          8565
    VESSELS

       DIESEL FUEL                            73           89           670           167           234
       RESIDUAL OIL                          213         2814           462            28            15
       GASOLINE                                0           36           200          4383         15621
       TOTAL (VESSELS)                       286         2939          1332          4578         15870

    TOTAL (TRANSPORTATION)                 74718         9127         86821         81088        778300

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         252            1            58           285          2067
    FOREST MANAGED BURNING                  5643           42          1128          4036         31602
    STRUCTURAL FIRES                         427            0            39           320          1736
    GASOLINE STA EVAP LOSS                     0            0             0          9625             0
    SOLVENT EVAPORATION LOSS                   0            0             0         28275             0
    UNPAVED ROADS                          93822            0             0             0             0
    TOTAL (MISCELLANEOUS)                 100144           43          1225         42541         35405
GRAND TOTAL
***********

    AREA SOURCES                          178651         9735         90818        130142        832504

    POINT SOURCES                          38223       495208        156527          1041          7428

    TOTAL                                 216874       504943        247345        131183        839932
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:11 GEORGIA AQCR:053 AUGUSTA-AIKEN

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	22	86	4	15	129
DISTILLATE OIL	0	5	5	0	0
NATURAL GAS	9	1	336	17	69
WOOD	2675	27	213	5550	16498
TOTAL (RESIDENTIAL)	2706	119	558	5582	16696
ELEC GENERATION (POINT)					
NATURAL GAS	1	1	1	1	1
OTHER	2551	14	302	183	431
TOTAL (ELEC GEN)	2552	15	303	184	432
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	120	900	154	0	21
RESIDUAL OIL					
POINT SOURCES	717	5087	725	2	65
DISTILLATE OIL					
POINT SOURCES	140	319	139	3	25
NATURAL GAS					
AREA SOURCES	4	1	617	126	70
POINT SOURCES	87	4	1915	16	169
WOOD					
POINT SOURCES	17	7	198	40	40
TOTAL (INDUSTRIAL)					
AREA SOURCES	124	901	771	126	91
POINT SOURCES	961	5417	2977	61	299
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
POINT SOURCES	13	171	30	1	3
DISTILLATE OIL					
AREA SOURCES	2	34	25	0	5
POINT SOURCES	3	181	25	0	6
NATURAL GAS					
AREA SOURCES	3	1	118	4	24
POINT SOURCES	2	0	69	2	16
TOTAL (COMM-INST)					
AREA SOURCES	5	35	143	4	29
POINT SOURCES	18	352	124	3	25

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SELECT CARD = <11     057                                                                    45>
STATE 11 COUNTY 0320 NOT FOUND IN POINT FILE
STATE 11 COUNTY 1580 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2240 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2900 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3320 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3500 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3980 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4000 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5080 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5300 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5540 NOT FOUND IN POINT FILE
```

TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1451	35	181	3219	9799
POINT SOURCES	52	140	167	11	1964
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	22658	677	14221	21096	215576
LIGHT DUTY TRUCKS	4088	182	3504	4670	41774
HEAVY DUTY VEHICLES	498	35	1011	1471	23110
OFF HIGHWAY	64	35	710	1890	23877
TOTAL (GASOLINE)	27308	929	19446	29127	304337
DIESEL					
HEAVY DUTY VEHICLES	993	392	3607	542	1680
OFF HIGHWAY	567	445	5342	813	1614
RAIL	5	12	78	19	27
TOTAL (DIESEL)	1565	849	9027	1374	3321
AIRCRAFT					
MILITARY	1450	95	745	1706	3522
CIVIL	6	2	22	69	1383
COMMERCIAL	97	225	2337	2072	6436
TOTAL (AIRCRAFT)	1553	322	3104	3847	11341
VESSELS					
DIESEL FUEL	29	36	265	66	93
RESIDUAL OIL	71	924	152	9	6
GASOLINE	0	6	35	791	2822
TOTAL (VESSELS)	100	966	452	866	2921
TOTAL (TRANSPORTATION)	30526	3066	32029	35214	321920
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	333	3	78	375	2732
AGRICULTURAL BURNING	7525	0	1068	6937	50002
STRUCTURAL FIRES	220	0	21	165	895
GASOLINE STA EVAP LOSS	0	0	0	2993	0
SOLVENT EVAPORATION LOSS	0	0	0	10452	0
UNPAVED ROADS	6442	0	0	0	0
TOTAL (MISCELLANEOUS)	14520	3	1167	20922	53629
GRAND TOTAL ***********					
AREA SOURCES	46627	5814	34745	59379	385685
POINT SOURCES	7573	44798	29918	6340	4793
TOTAL	54200	50612	64663	65719	390478

CHEMICAL MANUFACTURING	30	0	0	0	0
FOOD/AGRICULTURAL	528	0	0	0	0
PRIMARY METAL	1689	19063	0	0	0
SECONDARY METALS	7	0	0	0	0
MINERAL PRODUCTS	195	9	5	9	5
WOOD PRODUCTS	1217	244	411	1	8417
TOTAL (INDUSTRIAL)	3666	19316	416	10	8422
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	130	2	4	364	1095
OPEN BURNING	214	7	55	288	916
TOTAL (RESIDENTIAL)	344	9	59	652	2011
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	0	0	0	0	1
TOTAL (COMM-INST)					
AREA SOURCES	0	0	0	0	1
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	185	3	33	347	4094
TOTAL (INDUSTRIAL)					
POINT SOURCES	185	3	33	347	4094
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	344	9	59	652	2012
POINT SOURCES	185	3	33	347	4094
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1735	84	1889	2205	20881
LIGHT DUTY TRUCKS	1078	70	1518	1724	14464
HEAVY DUTY VEHICLES	135	13	272	563	11172
OFF HIGHWAY	10	5	110	291	3693
TOTAL (GASOLINE)	2958	172	3789	4783	50210
DIESEL					
HEAVY DUTY VEHICLES	564	257	1213	610	1494
OFF HIGHWAY	112	89	1059	161	320
RAIL	51	116	752	181	265
TOTAL (DIESEL)	727	462	3024	952	2079
AIRCRAFT					
MILITARY	6	0	3	7	14
CIVIL	4	2	17	50	1008
COMMERCIAL	3	6	63	56	174
TOTAL (AIRCRAFT)	13	8	83	113	1196
VESSELS					
GASOLINE	0	0	4	86	308

```
*** E07 ***                                                                              *** E07 ***
SELECT CARD = <14    065                                              45>
```

```
   CHEMICAL MANUFACTURING                  270          0          0          0          0
   TOTAL (INDUSTRIAL)                      270          0          0          0          0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  24          0          1         68        204
      OPEN BURNING                          69          3         18         93        294
      TOTAL (RESIDENTIAL)                   93          3         19        161        498

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  93          3         19        161        498

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               248         15        322        316       2929
         LIGHT DUTY TRUCKS                  87          7        145        143       1161
         HEAVY DUTY VEHICLES                31          4        122        109       1757
         OFF HIGHWAY                         1          1         13         33        423
         TOTAL (GASOLINE)                  367         27        602        601       6270

      DIESEL

         HEAVY DUTY VEHICLES                22         12        107         12         36
         OFF HIGHWAY                        14         11        134         20         41
         RAIL                                6         13         81         20         29
         TOTAL (DIESEL)                     42         36        322         52        106

   AIRCRAFT

      CIVIL                                  0          0          1          3         53
      TOTAL (AIRCRAFT)                       0          0          1          3         53

   VESSELS

      DIESEL FUEL                            2          2         15          4          5
      GASOLINE                               0          2         14        311       1110
      TOTAL (VESSELS)                        2          4         29        315       1115

   TOTAL (TRANSPORTATION)                  411         67        954        971       7544

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                          5          0          1          4         22
   GASOLINE STA EVAP LOSS                    0          0          0         64          0
   SOLVENT EVAPORATION LOSS                  0          0          0        300          0
   UNPAVED ROADS                          1958          0          0          0          0
   TOTAL (MISCELLANEOUS)                  1963          0          1        368         22

GRAND TOTAL
***********

   AREA SOURCES                           2867        140       1106       2321      10498

   POINT SOURCES                           271          0         58         86        255

   TOTAL                                  3138        140       1164       2407      10753
```

```
*** E09 ***
                 AREA SOURCES              3408          269          486         7031        20931     *** E09 ***
                 POINT SOURCES             3803        88450        25299          414         1624
    INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

        NATURAL GAS                           3            0         1340          205          168
        TOTAL (INDUSTRIAL)                    3            0         1340          205          168

      TOTAL (INTERNAL COMB)                   3            0         1340          205          168

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              3408          269          486         7031        20931
                 POINT SOURCES             3806        88450        26639          619         1792
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                       850            0            0            3            0
    SECONDARY METALS                        122            0            0            0            0
    MINERAL PRODUCTS                       2045            0            0            0            0
    ORGANIC SOLVENT EVAPORATION               0         9261         2867            0            0
    PETROLEUM STORAGE/TRANSPORT               0            0            0           72            0
    OTHER/NOT CLASSIFIED                      8            0            0          117            0
    TOTAL (INDUSTRIAL)                     3025         9261         2867          192            0
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

      ON SITE INCINERATION                   58            0            1          163          490
      OPEN BURNING                          197            7           52          266          842
      TOTAL (RESIDENTIAL)                   255            7           53          429         1332
    INDUSTRIAL

      ON SITE INCINERATION
             POINT SOURCES                    1            0            0            0            3
      TOTAL (INDUSTRIAL)
             POINT SOURCES                    1            0            0            0            3

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                   255            7           53          429         1332
             POINT SOURCES                    1            0            0            0            3
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

      GASOLINE

        LIGHT DUTY VEHICLES                 975           58         1276         1274        11798
        LIGHT DUTY TRUCKS                   378           30          660          644         5159
        HEAVY DUTY VEHICLES                  75            9          301          263         4245
        OFF HIGHWAY                          25           12          259          687         8692
        TOTAL (GASOLINE)                   1453          109         2496         2868        29894
      DIESEL

        HEAVY DUTY VEHICLES                  71           37          330           37          113
        OFF HIGHWAY                          28           23          267           40           82
        RAIL                                 16           37          242           60           85
```

```
*** E10 ***
                                                                                                              *** E10 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT
**************************                                                       RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 15:INDIANA                                                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 3              18               0               3              67
         BITUMINOUS COAL                 1               5               0               0               6
         DISTILLATE OIL                245            2804            1750              65             487
         NATURAL GAS                   261              39            8723             458            1742
         WOOD                        29930             313            2372           62112          184628
         TOTAL (RESIDENTIAL)         30440            3179           12845           62638          186930

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             22103         1487817          388729            1371           10218
         RESIDUAL OIL                    0               1               2               0               0
         DISTILLATE OIL                  2             472             256               1              60
         NATURAL GAS                     0               1            2101              85             278
         TOTAL (ELEC GEN)            22105         1488291          391088            1457           10556

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             13316          112756           24385              83            3140
            POINT SOURCES            10410           58256           17337             215            3132
         LIGNITE
            POINT SOURCES                7             478              31               0              31
         RESIDUAL OIL
            AREA SOURCES               494            6266            1448               1             130
            POINT SOURCES             1229           12416            3558              33             309
         DISTILLATE OIL
            AREA SOURCES               124            1290            1454              43             345
            POINT SOURCES              287            6964             827              15             180
         NATURAL GAS
            AREA SOURCES               189              32            8885             175            2218
            POINT SOURCES              166             577            7921              60             813
         PROCESS GAS
            POINT SOURCES              844           14825            9258              41            4347
         WOOD
            POINT SOURCES              321              12             112             128             198
         LIQUID PETROL GAS
            POINT SOURCES                0               1              15               0               4
         OTHER
            POINT SOURCES               20            1271             110               4              25
         TOTAL (INDUSTRIAL)
            AREA SOURCES             14123          120344           36172             302            5833
            POINT SOURCES            13284           94800           39169             496            9039
```

AREA SOURCES	6	1	237	11	49
POINT SOURCES	0	0	3	0	1
WOOD					
POINT SOURCES	1	0	0	2	1
TOTAL (COMM-INST)					
AREA SOURCES	10	84	281	11	58
POINT SOURCES	5	116	27	3	17
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2277	7798	3191	2855	8869
POINT SOURCES	11909	532265	124499	476	4213
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	9	0	3698	90	493
TOTAL (INDUSTRIAL)	9	0	3698	90	493
TOTAL (INTERNAL COMB)	9	0	3698	90	493
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2277	7798	3191	2855	8869
POINT SOURCES	11918	532265	128197	566	4706
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	352	110	167	728	16
FOOD/AGRICULTURAL	1368	0	0	109	0
PRIMARY METAL	1500	7811	0	0	52039
SECONDARY METALS	471	0	0	0	74
MINERAL PRODUCTS	795	15	8	27	45
PETROLEUM INDUSTRY	21	948	141	278	12344
WOOD PRODUCTS	91	0	0	4	0
ORGANIC SOLVENT EVAPORATION	171	0	0	6440	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2191	0
TOTAL (INDUSTRIAL)	4769	8884	316	9777	64518
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	247	2	8	699	2098
OPEN BURNING	511	20	131	692	2196
TOTAL (RESIDENTIAL)	758	22	139	1391	4294
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	62	19	30	35	85
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	63	19	30	37	89
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	18	2	2	17	28
OPEN BURNING					
AREA SOURCES	18	0	8	29	100
TOTAL (INDUSTRIAL)					
AREA SOURCES	36	2	10	46	128

```
*** E12 ***                                                                                   *** E12 ***
SELECT CARD = <15    D01                                                 45>
```

ON SITE INCINERATION					
AREA SOURCES	149	43	73	87	208
POINT SOURCES	101	21	1287	100	131
OPEN BURNING					
AREA SOURCES	3	0	0	6	12
TOTAL (COMM-INST)					
AREA SOURCES	152	43	73	93	220
POINT SOURCES	101	21	1287	100	131
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	38	3	3	38	62
POINT SOURCES	10	4	4	4	14
OPEN BURNING					
AREA SOURCES	40	0	18	63	215
TOTAL (INDUSTRIAL)					
AREA SOURCES	78	3	21	101	277
POINT SOURCES	10	4	4	4	14
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2100	95	433	3608	11022
POINT SOURCES	111	25	1291	104	145
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12095	602	13175	14180	136475
LIGHT DUTY TRUCKS	4277	302	6373	6729	55902
HEAVY DUTY VEHICLES	969	102	3455	3260	52287
OFF HIGHWAY	45	25	522	1386	17531
TOTAL (GASOLINE)	17386	1031	23525	25555	262195
DIESEL					
HEAVY DUTY VEHICLES	2654	1332	11988	1408	4278
OFF HIGHWAY	436	343	4129	631	1249
RAIL	276	630	4082	993	1435
TOTAL (DIESEL)	3366	2305	20199	3032	6962
AIRCRAFT					
MILITARY	200	13	103	234	484
CIVIL	6	3	48	144	2908
COMMERCIAL	4	10	100	88	273
TOTAL (AIRCRAFT)	210	26	251	466	3665
VESSELS					
GASOLINE	0	11	66	1413	5037
TOTAL (VESSELS)	0	11	66	1413	5037
TOTAL (TRANSPORTATION)	20962	3373	44041	30466	277859
MISCELLANEOUS (AREA) *******************					
FOREST WILDFIRES	70	0	17	80	584
STRUCTURAL FIRES	233	0	20	173	935
GASOLINE STA EVAP LOSS	0	0	0	3706	0
SOLVENT EVAPORATION LOSS	0	0	0	13610	0

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SELECT CARD = <16    069                                        45>
```

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*** E15 ***
SELECT CARD = <16    088                                        45>                    *** E15 ***
```

```
*** E16 ***
               AREA SOURCES              749          49         159        1255        3798   *** E16 ***
               POINT SOURCES               0           0           0           1          10
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            3145         172        3892        4070       38401
         LIGHT DUTY TRUCKS              1189          91        1933        1953       16087
         HEAVY DUTY VEHICLES             275          30        1028         947       15204
         OFF HIGHWAY                      12           7         146         389        4906
         TOTAL (GASOLINE)               4621         300        6999        7359       74598

      DIESEL

         HEAVY DUTY VEHICLES             617         322        2877         326         987
         OFF HIGHWAY                     232         179        2173         330         658
         RAIL                             44         101         649         158         228
         TOTAL (DIESEL)                  893         602        5699         814        1873

   AIRCRAFT

      CIVIL                                2           1          14          43         872
      TOTAL (AIRCRAFT)                     2           1          14          43         872

   VESSELS

      GASOLINE                             0           1           8         191         683
      TOTAL (VESSELS)                      0           1           8         191         683

   TOTAL (TRANSPORTATION)               5516         904       12720        8407       78026

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       29           0           6          32         240
   STRUCTURAL FIRES                       61           0           4          46         252
   GASOLINE STA EVAP LOSS                  0           0           0        1033           0
   SOLVENT EVAPORATION LOSS                0           0           0        2895           0
   UNPAVED ROADS                       87614           0           0           0           0
   TOTAL (MISCELLANEOUS)               87704           0          10        4006         492

GRAND TOTAL
***********

   AREA SOURCES                        94739        1430       13953       15215       86688

   POINT SOURCES                        5201       11947       13765         133        1878

   TOTAL                               99940       13377       27718       15348       88566
```

*** E17 ***

SELECT CARD = <17 094 45>

*** E17 ***

```
     DIESEL

          HEAVY DUTY VEHICLES             895          433         3890          477         1456
          OFF HIGHWAY                     214          168         1998          304          603
          RAIL                            135          305         1977          482          695
          TOTAL (DIESEL)                 1244          906         7865         1263         2754
    AIRCRAFT

        CIVIL                               1            0           22           65         1312
        TOTAL (AIRCRAFT)                    1            0           22           65         1312
    VESSELS

        GASOLINE                            0            3           16          352         1254
        TOTAL (VESSELS)                     0            3           16          352         1254

    TOTAL (TRANSPORTATION)               5665         1173        13961         8226        72707
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      529            0          129          597         4349
    STRUCTURAL FIRES                       44            0            2           36          191
    GASOLINE STA EVAP LOSS                  0            0            0         1088            0
    SOLVENT EVAPORATION LOSS                0            0            0         1687            0
    UNPAVED ROADS                      311946            0            0            0            0
    UNPAVED AIRSTRIPS                      43            0            0            0            0
    TOTAL (MISCELLANEOUS)              312562            0          131         3408         4540
GRAND TOTAL
***********

    AREA SOURCES                       318858         1820        22858        15330        80900

    POINT SOURCES                       12687         1332        17129         3800         2197

    TOTAL                              331545         3152        39987        19130        83097
```

```
          NATURAL GAS
              POINT SOURCES               28           5        1294          27         322
          TOTAL (COMM-INST)
              AREA SOURCES                 7         131          91           0          21
              POINT SOURCES             1048        6088        2653          54         521

      TOTAL (EXTERNAL COMB)
              AREA SOURCES              8986         543        2372       18914       55427
              POINT SOURCES            13620      116406       50627       10775       27962

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                  62         403         579         164         896
          NATURAL GAS                     41           1        2316         386        4066
          TOTAL (ELEC GEN)               103         404        2895         550        4962

      INDUSTRIAL FUEL

          DISTILLATE OIL                   4           3          49           3          11
          NATURAL GAS                      0           0          60           1           8
          TOTAL (INDUSTRIAL)               4           3         109           4          19

      TOTAL (INTERNAL COMB)              107         407        3004         554        4981

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES              8986         543        2372       18914       55427
              POINT SOURCES            13727      116813       53631       11329       32943
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              3031       16950           0        8432          67
    FOOD/AGRICULTURAL                    104           0           0          24          28
    PRIMARY METAL                         13           0           0           0           0
    SECONDARY METALS                    2324         768          33           0           4
    MINERAL PRODUCTS                    4969       13099         716          25         125
    WOOD PRODUCTS                       3489       15188        2941         266       51780
    ORGANIC SOLVENT EVAPORATION            0           0           0       11206           0
    PETROLEUM STORAGE/TRANSPORT          558           0           0        5748           0
    METAL FABRICATION                      2           0           0           0           0
    OTHER/NOT CLASSIFIED                1026        5063           0           0           0
    TOTAL (INDUSTRIAL)                 15516       51068        3690       25701       52004
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                51          39         198          39           0
        TOTAL (GOVERNMENT)                51          39         198          39           0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              41           0           0         118         356
        OPEN BURNING                    3323         124         850        4482       14219
        TOTAL (RESIDENTIAL)             3364         124         850        4600       14575

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               3           1           1           2           7
                POINT SOURCES              2           1           1           1           3
        OPEN BURNING
```

```
*** F02 ***                                                                                    *** F02 ***
SELECT CARD = <11                                                            25>
```

```
*** F03 ***                                                                                      *** F03 ***
       TOTAL (EXTERNAL COMB)
                 AREA SOURCES            2835          1055          1472          5712         16816
                POINT SOURCES            3531          5784          3404           248           756

    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          NATURAL GAS                       1             0           896           197           628
         TOTAL (INDUSTRIAL)                 1             0           896           197           628

       TOTAL (INTERNAL COMB)                1             0           896           197           628

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            2835          1055          1472          5712         16816
                POINT SOURCES            3532          5784          4300           445          1384
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                476          1811          2346           646             0
    PRIMARY METAL                         411           127            28             2            15
    SECONDARY METALS                       28             0             0             0             0
    MINERAL PRODUCTS                      160          1444             0             0             0
    WOOD PRODUCTS                         904           917           285             0          6466
    ORGANIC SOLVENT EVAPORATION             0             0             0             6             0
    PETROLEUM STORAGE/TRANSPORT             0             0             0             6             0
    TOTAL (INDUSTRIAL)                   1979          4299          2659           660          6481
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       OPEN BURNING                       499            20           126           670          2122
       TOTAL (RESIDENTIAL)                499            20           126           670          2122

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
                 AREA SOURCES              11             2             6             6            16
       OPEN BURNING
                 AREA SOURCES               2             0             1             3             9
       TOTAL (COMM-INST)
                 AREA SOURCES              13             2             7             9            25

    INDUSTRIAL

       OPEN BURNING
                 AREA SOURCES              30             1            13            49           170
       TOTAL (INDUSTRIAL)
                 AREA SOURCES              30             1            13            49           170

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             542            23           146           728          2317
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES            6477           261          5589          6821         67347
          LIGHT DUTY TRUCKS              1503            89          1815          2075         17564
```

```
*** F04 ***
                                                                                                   *** F04 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:11 GEORGIA       AQCR:057 NORTHEAST GEORGIA                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            226            832             45            148           1349
         DISTILLATE OIL               0             23             12              0              2
         NATURAL GAS                 14              0            527             26            108
         WOOD                      2632             27            209           5470          16252
         TOTAL (RESIDENTIAL)       2872            882            793           5644          17711
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             16            195             70              0             25
         OTHER                       57            156           1486            297            297
         TOTAL (ELEC GEN)            73            351           1556            297            322
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            251           1683            350              0             44
            POINT SOURCES            22             73              9              0              8
         RESIDUAL OIL
            POINT SOURCES           111           1466            241              1             21
         NATURAL GAS
            AREA SOURCES              8              0           1273            262            146
            POINT SOURCES            43            100             48              0              9
         WOOD
            POINT SOURCES            30             69            462             92             92
         TOTAL (INDUSTRIAL)
            AREA SOURCES            259           1683           1623            262            190
            POINT SOURCES           206           1708            760             93            130
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             1             22              4              0              3
         DISTILLATE OIL
            AREA SOURCES              2             41             30              0              4
            POINT SOURCES             0             12              3              0              1
         NATURAL GAS
            AREA SOURCES              2              0            134              3             25
            POINT SOURCES             1              0            199              1             15
         TOTAL (COMM-INST)
            AREA SOURCES              4             41            164              3             29
            POINT SOURCES             2             34            206              1             19
      TOTAL (EXTERNAL COMB)
```

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*** F05 ***                                                                                  *** F05 ***
SELECT CARD = <12    060                                                        45>
```

```
*** F06 ***
        TOTAL (VESSELS)                        0              0              4             86            308   *** F06 ***

    TOTAL (TRANSPORTATION)                  3698            642           6900           5934          53793

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        9165             80           2156          10350          75471
    FOREST MANAGED BURNING                  1780             13            356           1272           9966
    AGRICULTURAL BURNING                       4              0              1              4             27
    STRUCTURAL FIRES                          34              0              4             25            136
    GASOLINE STA EVAP LOSS                     0              0              0            700              0
    SOLVENT EVAPORATION LOSS                   0              0              0           1982              0
    UNPAVED ROADS                          17861              0              0              0              0
    TOTAL (MISCELLANEOUS)                  28844             93           2517          14333          85600

GRAND TOTAL
***********

    AREA SOURCES                           35449           1258           9910          26126         156979

    POINT SOURCES                           5026          19385           2136           1214          14608

    TOTAL                                  40475          20643          12046          27340         171587
```

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*** F07 ***                                                                                    *** F07 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       *******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************

STATE/AQCR EMISSIONS REPORT
***************************                                                 RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:14 ILLINOIS        AQCR:065 BURLINGTON-KEOKUK             AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES        SOX           NOX           VOC            CO
                            ************   ************  ************  ************  ************
                             TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              18             78             3            11           100
         DISTILLATE OIL                8             70            43             0            11
         NATURAL GAS                  37              7          1238            65           247
         WOOD                       3051             32           241          6335         18829
         TOTAL (RESIDENTIAL)        3114            187          1525          6411         19187
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            6983          55323         86721           991          3809
         RESIDUAL OIL                 28            338           192            23           114
         DISTILLATE OIL                0             43            10             0             2
         NATURAL GAS                   0              0           158             0            11
         TOTAL (ELEC GEN)           7011          55704         87081          1014          3936
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             123            994           213             0            26
            POINT SOURCES            395          12764          4214            71           391
         LIGNITE
            POINT SOURCES             75            103            22             0             1
         RESIDUAL OIL
            POINT SOURCES             22            290           120             0             8
         DISTILLATE OIL
            POINT SOURCES            104           1110          1067            37           104
         NATURAL GAS
            AREA SOURCES               2              0           397            68            45
            POINT SOURCES             22              3          1212           196           149
         TOTAL (INDUSTRIAL)
            AREA SOURCES             125            994           610            68            71
            POINT SOURCES            618          14270          6635           304           653
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              10             37            12             0             0
            POINT SOURCES             57            146             1             0             0
         BITUMINOUS COAL
            AREA SOURCES              26            141            20             0            12
            POINT SOURCES              4             28             2             1             3
         RESIDUAL OIL
            POINT SOURCES             32            429           149             3            13
```

```
*** F08 ***                                                                                          *** F08 ***
SELECT CARD = <14    069                                                     45>
```

```
*** F09 ***
          TOTAL (DIESEL)                  115          97         839         137         280   *** F09 ***
     AIRCRAFT

        CIVIL                               0           0           1           5          98
        TOTAL (AIRCRAFT)                    0           0           1           5          98
     VESSELS

        DIESEL FUEL                         8          12          77          20          28
        GASOLINE                            0           6          34         741        2644
        TOTAL (VESSELS)                     8          18         111         761        2672

     TOTAL (TRANSPORTATION)              1576         224        3447        3771       32944
MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                      54           0          13          61         436
     STRUCTURAL FIRES                      17           0           0          15          74
     GASOLINE STA EVAP LOSS                 0           0           0         284           0
     SOLVENT EVAPORATION LOSS               0           0           0         833           0
     UNPAVED ROADS                       3184           0           0           0           0
     TOTAL (MISCELLANEOUS)               3255           0          13        1193         510
GRAND TOTAL
***********

     AREA SOURCES                        8494         500        3999       12424       55717

     POINT SOURCES                       6832       97711       29506         811        1795

     TOTAL                              15326       98211       33505       13235       57512
     COMM-INSTITUTIONAL FUEL

        BITUMINOUS COAL
            POINT SOURCES          2378        24053         2947          81         927
        RESIDUAL OIL
            AREA SOURCES             29          449          107           0           4
            POINT SOURCES            13          186           64           1           5
        DISTILLATE OIL
            AREA SOURCES             44          830          583           4         145
            POINT SOURCES            15          144          106           4          41
        NATURAL GAS
            AREA SOURCES             97           15         3508         183         703
            POINT SOURCES             1            0          114           1          26
        WOOD
            POINT SOURCES            46            1            3          13          24
        TOTAL (COMM-INST)
            AREA SOURCES            170         1294         4198         187         852
            POINT SOURCES          2453        24384         3234         100        1023

     TOTAL (EXTERNAL COMB)
            AREA SOURCES          44733       124817        53215       63127      193615
            POINT SOURCES         37842      1607475       433491        2053       20618

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL               17          146          112          16          55
        NATURAL GAS                   6            0          499         145          87
        TOTAL (ELEC GEN)             23          146          611         161         142

     INDUSTRIAL FUEL

        DISTILLATE OIL               12           17          173          11          37
        NATURAL GAS                  56            2        18705        2499        2424
        GASOLINE                      0            0            0           0           8
        OTHER                         0            0            3           0           1
        TOTAL (INDUSTRIAL)           68           19        18881        2510        2470

     COMM-INSTITUTIONAL

        TOTAL (COMM-INST)             1            3           10           1           2

     ENGINE-TESTING

        TOTAL (ENG TESTNG)           22           24           27          84          60

     TOTAL (INTERNAL COMB)          114          192        19529        2756        2674

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES          44733       124817        53215       63127      193615
            POINT SOURCES         37956      1607667       453020        4809       23292

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING         1619         6907         2835        9666          38
    FOOD/AGRICULTURAL             11857         1984          339        6632           2
    PRIMARY METAL                 18001        35155         2589       13532      204335
    SECONDARY METALS               2645         4335          101         908       23271
    MINERAL PRODUCTS              43233        10517         7803        1753        2083
    PETROLEUM INDUSTRY             1945        17771         5462        2530       16191
    WOOD PRODUCTS                   527            1            1          43           1
    ORGANIC SOLVENT EVAPORATION     441            0            8       61550           1
    PETROLEUM STORAGE/TRANSPORT       0            0            0        9758           0
```

```
*** F11 ***
    TOTAL (SOLID WASTE DISP)                                                                                        *** F11 ***
                 AREA SOURCES          857            43             179            1474           4511
TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5557           234            5155            6154          61802
         LIGHT DUTY TRUCKS            1911           117            2448            2755          23920
         HEAVY DUTY VEHICLES           488            45            1481            1590          25252
         OFF HIGHWAY                    22            12             243             647           8178
         TOTAL (GASOLINE)             7978           408            9327           11146         119152

      DIESEL

         HEAVY DUTY VEHICLES          1967           897            8139            1057           3239
         OFF HIGHWAY                   154           122            1458             221            441
         RAIL                          114           261            1698             412            597
         TOTAL (DIESEL)               2235          1280           11295            1690           4277

   AIRCRAFT

      MILITARY                           6             0               3               7             14
      CIVIL                              1             1              11              32            624
      COMMERCIAL                         4             8              88              78            242
      TOTAL (AIRCRAFT)                  11             9             102             117            880

   VESSELS

      GASOLINE                           0            10              58            1280           4563
      TOTAL (VESSELS)                    0            10              58            1280           4563

   TOTAL (TRANSPORTATION)            10224          1707           20782           14233         128872

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    192             0              44             217           1590
   STRUCTURAL FIRES                     94             0              10              72            382
   GASOLINE STA EVAP LOSS                0             0               0            1460              0
   SOLVENT EVAPORATION LOSS              0             0               0            6767              0
   UNPAVED ROADS                      5162             0               0               0              0
   TOTAL (MISCELLANEOUS)              5448             0              54            8516           1972

GRAND TOTAL
***********

   AREA SOURCES                      18806          9548           24206           27078         144224

   POINT SOURCES                     16687        541149          128513           10343          69224

   TOTAL                             35493        550697          152719           37421         213448
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                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:081 NORTHEAST INDIANA                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX           NOX           VOC           CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL            0             2             0             0             7
            DISTILLATE OIL            25           289           180             8            51
            NATURAL GAS               26             3           849            46           170
            WOOD                    3852            40           305          7997         23767
            TOTAL (RESIDENTIAL)     3903           334          1334          8051         23995
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        1741         14739          3189            11           410
                POINT SOURCES         88          1789           295             2           152
            RESIDUAL OIL
                AREA SOURCES          67           830           190             0            18
                POINT SOURCES         61           805           317             2            29
            DISTILLATE OIL
                AREA SOURCES          16           155           175             5            41
                POINT SOURCES         16            33            42             2             3
            NATURAL GAS
                AREA SOURCES          27             4          1250            26           311
                POINT SOURCES          6             1           484             4            70
            LIQUID PETROL GAS
                POINT SOURCES          0             1            14             0             4
            TOTAL (INDUSTRIAL)
                AREA SOURCES        1851         15728          4804            42           780
                POINT SOURCES        171          2629          1152            10           258
        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES           3            46            13             0             1
                POINT SOURCES          1            20             3             0             0
            DISTILLATE OIL
                AREA SOURCES           4            89            61             1            18
            NATURAL GAS
                AREA SOURCES          10             2           390            22            79
            WOOD
                POINT SOURCES          0             0             0             1             2
            TOTAL (COMM-INST)
                AREA SOURCES          17           137           464            23            98
                POINT SOURCES          1            20             3             1             2
        TOTAL (EXTERNAL COMB)
                AREA SOURCES        5771         16199          6602          8116         24873
```

```
*** F13 ***                                                                                           *** F13 ***
    UNPAVED ROADS                    19247           0            0            0            0
    TOTAL (MISCELLANEOUS)            19550           0           37        17569         1519
GRAND TOTAL
***********

    AREA SOURCES                     49692       26187        53498        60927       319032

    POINT SOURCES                    22386      323536        81080        12734        10752

    TOTAL                            72078      349723       134578        73661       329784
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*** F14 ***
                                                                                                   *** F14 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                            RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:16 IOWA         AQCR:069 METROPOLITAN QUAD CITIES     AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX           NOX           VOC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               3            10             0            32            14
         DISTILLATE OIL                5            69            43             4            13
         NATURAL GAS                  13             2           441            35            88
         WOOD                         76             0             6            81           470
         TOTAL (RESIDENTIAL)          97            81           490           152           585
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           11186         58663         15659           421          1195
         DISTILLATE OIL                0             1             0             0             0
         NATURAL GAS                  57             0           274            15            71
         TOTAL (ELEC GEN)          11243         58664         15933           436          1266
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               0             0             0             5             0
            POINT SOURCES           2238         40705         13649            77           552
         RESIDUAL OIL
            POINT SOURCES             26             4             1             0             0
         DISTILLATE OIL
            AREA SOURCES               0             0             0             1             0
            POINT SOURCES             12           512           147             1            35
         NATURAL GAS
            AREA SOURCES               0             0           939           375           127
            POINT SOURCES             26             4          2869            12           241
         PROCESS GAS
            POINT SOURCES              9             0           405             8           101
         TOTAL (INDUSTRIAL)
            AREA SOURCES               0             0           939           381           127
            POINT SOURCES           2311         41225         17071            98           929
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              17            57            20             0             1
         BITUMINOUS COAL
            AREA SOURCES              81           342            57             2            35
         RESIDUAL OIL
            AREA SOURCES               1            10             3             1             0
         DISTILLATE OIL
            AREA SOURCES               5            58            41             0             9
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*** F15 ***
                                                                                                              *** F15 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                       RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA            AQCR:088 NORTHEAST IOWA                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                               PARTICULATES         SOX            NOX            VOC            CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               13              55              2             21             78
         DISTILLATE OIL                24             293            184             16             52
         NATURAL GAS                   24               3            789             53            156
         WOOD                         573               5             46           1187           3530
         TOTAL (RESIDENTIAL)          634             356           1021           1275           3816
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             2076           24814          21259            201            369
         DISTILLATE OIL                 0               8              3              0              0
         NATURAL GAS                   74               1            107              9             22
         TOTAL (ELEC GEN)            2150           24823          21369            210            391
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                0               0              0              6              0
            POINT SOURCES            1169            5824           1026             38            215
         RESIDUAL OIL
            AREA SOURCES                0               0              0              1              0
            POINT SOURCES              25             332            114              0             10
         DISTILLATE OIL
            AREA SOURCES                0               1              1              1              0
            POINT SOURCES               9             345             75             10             11
         NATURAL GAS
            AREA SOURCES                1               0           1128            450            152
            POINT SOURCES               5               2            946             44             66
         PROCESS GAS
            POINT SOURCES               0               7              0              0              0
         LIQUID PETROL GAS
            POINT SOURCES               0               0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                1               1           1129            458            152
            POINT SOURCES            1208            6510           2162             92            302
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               31              98             36              0              2
         BITUMINOUS COAL
            AREA SOURCES              137             591             98              2             57
            POINT SOURCES              10              37              8              0              3
```

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SELECT CARD = <16    092                                                                  45>
STATE 16 COUNTY 0840 NOT FOUND IN POINT FILE
STATE 16 COUNTY 1100 NOT FOUND IN POINT FILE
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NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:17 KANSAS AQCR:094 METROPOLITAN KANSAS CITY

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	0	2	0	0	2
DISTILLATE OIL	0	2	1	1	0
NATURAL GAS	27	5	909	85	182
WOOD	127	1	10	264	785
TOTAL (RESIDENTIAL)	154	10	920	350	969
ELEC GENERATION (POINT)					
BITUMINOUS COAL	3004	42241	16049	34	275
DISTILLATE OIL	11	0	158	3	9
NATURAL GAS	116	1	6958	53	243
TOTAL (ELEC GEN)	3131	42242	23165	90	527
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	581	4246	1057	19	136
POINT SOURCES	6	32	11	0	0
RESIDUAL OIL					
AREA SOURCES	114	1423	329	2	30
POINT SOURCES	112	1166	164	2	12
DISTILLATE OIL					
AREA SOURCES	20	202	227	17	53
POINT SOURCES	2	194	17	0	1
NATURAL GAS					
AREA SOURCES	99	20	34850	12513	4580
POINT SOURCES	36	8	1165	15	95
WOOD					
POINT SOURCES	24	1	0	2	1
LIQUID PETROL GAS					
POINT SOURCES	0	3	1	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	814	5891	36463	12551	4799
POINT SOURCES	180	1404	1358	19	109
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	3	12	2	0	1
DISTILLATE OIL					
AREA SOURCES	4	59	41	7	11
NATURAL GAS					
AREA SOURCES	18	3	626	44	125

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*** F18 ***                                                                                    *** F18 ***
SELECT CARD = <17    098                                                  45>
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```
*** G01 ***
                AREA SOURCES              1         0         0         2         4     *** G01 ***
        TOTAL (COMM-INST)
                AREA SOURCES              4         1         1         4        11
                POINT SOURCES             2         1         1         1         3
     INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              7         1         1         7        12
                POINT SOURCES            22        81        65       478       640
        OPEN BURNING
                AREA SOURCES              9         0         3        16        55
        TOTAL (INDUSTRIAL)
                AREA SOURCES             16         1         4        23        67
                POINT SOURCES            22        81        65       478       640

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES           3384       126       855      4627     14653
                POINT SOURCES            75       121       264       518       643
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES        30434      1178     23715     28479    280303
           LIGHT DUTY TRUCKS           7595       435      8081      8932     75894
           HEAVY DUTY VEHICLES         1626       130      3971      4928     77986
           OFF HIGHWAY                   68        34       771      2062     26070
           TOTAL (GASOLINE)           39723      1777     36538     44401    460253

        DIESEL

           HEAVY DUTY VEHICLES         5585      2303     21082      3036      9383
           OFF HIGHWAY                  218       168      2047       310       619
           RAIL                         137       311      2014       491       710
           TOTAL (DIESEL)              5940      2782     25143      3837     10712
     AIRCRAFT

        MILITARY                        595        39       306       699      1444
        CIVIL                            10         5        46       150      2990
        COMMERCIAL                       17        38       396       352      1092
        TOTAL (AIRCRAFT)                622        82       748      1201      5526
     VESSELS

        DIESEL FUEL                     421       523      3915       976      1370
        RESIDUAL OIL                    232      3055       502        30        16
        GASOLINE                          0        39       235      5167     18418
        TOTAL (VESSELS)                 653      3617      4652      6173     19804

    TOTAL (TRANSPORTATION)            46938      8258     67081     55612    496295
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    252         0        61       287      2077
    FOREST MANAGED BURNING             7884        59      1576      5639     44144
    STRUCTURAL FIRES                    318         0        28       238      1293
    GASOLINE STA EVAP LOSS                0         0         0      7953         0
    SOLVENT EVAPORATION LOSS              0         0         0     19078         0
    UNPAVED ROADS                     91045         0         0         0         0
    UNPAVED AIRSTRIPS                     5         0         0         0         0
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*** G02 ***                                                                                                  *** G02 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT
**************************                                                  RUN DATE:   MONDAY    NOVEMBER 28, 1983
STATE 11:GEORGIA                                              AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:  MONDAY        JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              873           3472            171            582           5201
         DISTILLATE OIL                 2            115             71              0             11
         NATURAL GAS                  144             17           5369            278           1082
         WOOD                       18853            196           1499          39144         116322
         TOTAL (RESIDENTIAL)        19872           3800           7110          40004         122616
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            18709         868006         231748           1523           5935
         RESIDUAL OIL                 124           4594           3580             66            130
         DISTILLATE OIL                 0            106             97              1             18
         NATURAL GAS                    7              2           1189             23            121
         OTHER                       6641            693           9941           4766          10148
         TOTAL (ELEC GEN)           25481         873401         246555           6379          16352
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES              19           1038            734              3             24
         BITUMINOUS COAL
            AREA SOURCES             2132          15294           2821              4            360
            POINT SOURCES             946           3983           1613             10            337
         RESIDUAL OIL
            POINT SOURCES            6626          56779          15441            103           1370
         DISTILLATE OIL
            POINT SOURCES             223           1484            245              6             44
         NATURAL GAS
            AREA SOURCES               82             13          11061           2274           1268
            POINT SOURCES             274            216           9517            111            874
         PROCESS GAS
            POINT SOURCES               8              0              0              1              0
         WOOD
            POINT SOURCES            1687            382           2135           1407           3248
         LIQUID PETROL GAS
            POINT SOURCES               0              0             15              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             2214          15307          13882           2278           1628
            POINT SOURCES            9783          63882          29700           1642           5898
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
```

```
*** G03 ***                                                                                              *** G03 ***
              HEAVY DUTY VEHICLES          386        36      1151      1248     19823
              OFF HIGHWAY                   15        10       194       521      6564
              TOTAL (GASOLINE)            8381       396      8749     10665    111298
          DIESEL

              HEAVY DUTY VEHICLES         1206       580      5223       646      1968
              OFF HIGHWAY                   64        49       600        92       182
              RAIL                          63       148       942       227       331
              TOTAL (DIESEL)              1333       777      6765       965      2481
      AIRCRAFT

          MILITARY                          35         2        18        41        85
          CIVIL                              1         1        10        32       633
          COMMERCIAL                         2         5        57        50       156
          TOTAL (AIRCRAFT)                  38         8        85       123       874
      VESSELS

          GASOLINE                           0         9        54      1204      4291
          TOTAL (VESSELS)                    0         9        54      1204      4291

      TOTAL (TRANSPORTATION)              9752      1190     15653     12957    118944

  MISCELLANEOUS (AREA)
  ********************

      FOREST WILDFIRES                     748         5       177       846      6165
      FOREST MANAGED BURNING              3150        24       629      2254     17646
      AGRICULTURAL BURNING                 630         0        89       581      4200
      STRUCTURAL FIRES                      86         0         5        65       353
      GASOLINE STA EVAP LOSS                 0         0         0      1281         0
      SOLVENT EVAPORATION LOSS               0         0         0      5835         0
      UNPAVED ROADS                      33124         0         0         0         0
      TOTAL (MISCELLANEOUS)              37738        29       900     10862     28364
  GRAND TOTAL
  ***********

      AREA SOURCES                       50867      2297     18171     30259    166441

      POINT SOURCES                       5511     10083      6959      1105      7865

      TOTAL                              56378     12380     25130     31364    174306
```

```
*** G04 ***
                     AREA SOURCES            3135          2606          2580          5909         17930    *** G04 ***
                     POINT SOURCES            281          2093          2522           391           471
      TOTAL (FUEL COMBUSTION)

                     AREA SOURCES            3135          2606          2580          5909         17930
                     POINT SOURCES            281          2093          2522           391           471
  INDUSTRIAL PROCESS (POINT)
  **************************

      CHEMICAL MANUFACTURING                    7             0             0             0             0
      SECONDARY METALS                         20             0             0             0             0
      MINERAL PRODUCTS                        562            74            20           179            18
      WOOD PRODUCTS                           222             0             0             0             0
      TOTAL (INDUSTRIAL)                      811            74            20           179            18
  SOLID WASTE DISPOSAL
  ********************

      RESIDENTIAL (AREA)

          OPEN BURNING                       1152            44           293          1544          4912
          TOTAL (RESIDENTIAL)                1152            44           293          1544          4912
      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES                  2             0             1             1             4
          OPEN BURNING
                  AREA SOURCES                  2             0             0             4             8
          TOTAL (COMM-INST)
                  AREA SOURCES                  4             0             1             5            12
      INDUSTRIAL

          OPEN BURNING
                  AREA SOURCES                 31             0            14            52           180
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                 31             0            14            52           180
      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               1187            44           308          1601          5104
 TRANSPORTATION (AREA)
 *********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES             7386           489         10970         10857         92836
             LIGHT DUTY TRUCKS               2298           215          4493          4277         31565
             HEAVY DUTY VEHICLES              472            58          1981          1644         26604
             OFF HIGHWAY                       29            14           324           866         10918
             TOTAL (GASOLINE)               10185           776         17768         17644        161923
         DIESEL

             HEAVY DUTY VEHICLES             1370           760          6782           720          2152
             OFF HIGHWAY                      111            89          1066           163           325
             RAIL                              94           212          1375           335           485
             TOTAL (DIESEL)                  1575          1061          9223          1218          2962
     AIRCRAFT
```

```
*** G05 ***
                                                                                                    *** G05 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:12 HAWAII         AQCR:060 HAWAII                   AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                            PARTICULATES         SOX            NOX            VOC            CO
                            ************     ************   ************   ************   ************
                             TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               0              1              0              0              0
         NATURAL GAS                  4              0             72              4             16
         TOTAL (RESIDENTIAL)          4              1             72              4             16
      ELEC GENERATION (POINT)

         RESIDUAL OIL              2053          21716          17108            205           1042
         DISTILLATE OIL              84            838           1106             10             52
         TOTAL (ELEC GEN)          2137          22554          18214            215           1094
      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           681           5077            827              7             44
         DISTILLATE OIL
            POINT SOURCES            38            892            323              8             74
         NATURAL GAS
            POINT SOURCES             3              1            523              1             38
         PROCESS GAS
            POINT SOURCES            90           4997            910             15             82
         BAGASSE
            POINT SOURCES           287              0            341             11             40
         OTHER
            POINT SOURCES             6              6             43              8              0
         TOTAL (INDUSTRIAL)
            POINT SOURCES          1105          10973           2967             50            278
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES           100           1326            240              5             22
         DISTILLATE OIL
            AREA SOURCES            125           2709           1254             18            314
            POINT SOURCES            15            826            150              3             37
         NATURAL GAS
            AREA SOURCES              1              0             42              2              7
            POINT SOURCES             1              0             40              2              8
         TOTAL (COMM-INST)
            AREA SOURCES            126           2709           1296             20            321
            POINT SOURCES           116           2152            430             10             67
      TOTAL (EXTERNAL COMB)
            AREA SOURCES            130           2710           1368             24            337
```

```
SELECT CARD = <13     063                                                                                   45>
STATE 13 COUNTY 0380 NOT FOUND IN POINT FILE
STATE 13 COUNTY 0540 NOT FOUND IN POINT FILE
STATE 13 COUNTY 0820 NOT FOUND IN POINT FILE
STATE 13 COUNTY 0980 NOT FOUND IN POINT FILE
STATE 13 COUNTY 1180 NOT FOUND IN POINT FILE
STATE 13 COUNTY 1220 NOT FOUND IN POINT FILE
```

```
          DISTILLATE OIL
              AREA SOURCES                    7           106            74             1            19
              POINT SOURCES                   0            65             0             0             0
          NATURAL GAS
              AREA SOURCES                    9             1           368            20            74
              POINT SOURCES                   1             0            43             1            11
          TOTAL (COMM-INST)
              AREA SOURCES                   52           285           474            21           105
              POINT SOURCES                  94           668           195             5            27

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                 3291          1466          2609          6500         19363
              POINT SOURCES                7723         70642         93911          1323          4616

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          NATURAL GAS                         0             0            14             0             4
          TOTAL (ELEC GEN)                    0             0            14             0             4

      INDUSTRIAL FUEL

          DISTILLATE OIL                     10            20           137            18            63
          TOTAL (INDUSTRIAL)                 10            20           137            18            63

      TOTAL (INTERNAL COMB)                  10            20           151            18            67

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 3291          1466          2609          6500         19363
              POINT SOURCES                7733         70662         94062          1341          4683

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 1855             0             6           354             0
    FOOD/AGRICULTURAL                      5957             0             0           140             0
    SECONDARY METALS                        719             1           280            25            78
    MINERAL PRODUCTS                       1179           132            65           144            69
    WOOD PRODUCTS                            22             0             0             0             0
    ORGANIC SOLVENT EVAPORATION              53             0            90         13661             0
    PETROLEUM STORAGE/TRANSPORT               0             0             0          1797             0
    METAL FABRICATION                        16             0           352            89             0
    OTHER/NOT CLASSIFIED                    133            20            42             0             0
    TOTAL (INDUSTRIAL)                     9934           153           835         16210           147

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                705            10            24          1983          5949
        OPEN BURNING                        824            31           211          1111          3523
        TOTAL (RESIDENTIAL)                1529            41           235          3094          9472

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 2             1             1             1             2
        TOTAL (INDUSTRIAL)
                POINT SOURCES                 2             1             1             1             2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1529            41           235          3094          9472
                POINT SOURCES                 2             1             1             1             2
```

```
*** G08 ***
                                                                                                  *** G08 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:14 ILLINOIS       AQCR:069 METROPOLITAN QUAD CITIES   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX              NOX              VOC              CO
                             ************    ************     ************     ************     ************
                              TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              5              21                1                2               27
         DISTILLATE OIL               6              62               39                0               10
         NATURAL GAS                 22               4              759               41              153
         WOOD                       825               8               65             1712             5088
         TOTAL (RESIDENTIAL)        858              95              864             1755             5278
      ELEC GENERATION (POINT)

         NATURAL GAS                  1               0              135                0               10
         TOTAL (ELEC GEN)             1               0              135                0               10
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             72             578              125                0               16
            POINT SOURCES          1083            7058             1655               21              266
         RESIDUAL OIL
            POINT SOURCES             0               5                0                0                0
         NATURAL GAS
            AREA SOURCES              4               0              302               51               33
            POINT SOURCES             3               0              335                1               13
         TOTAL (INDUSTRIAL)
            AREA SOURCES             76             578              427               51               49
            POINT SOURCES          1086            7063             1990               22              279
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              6              20                7                0                0
         BITUMINOUS COAL
            AREA SOURCES             14              75               10                0                6
         DISTILLATE OIL
            AREA SOURCES              4              60               41                0               10
            POINT SOURCES             0               3                1                0                0
         NATURAL GAS
            AREA SOURCES              6               1              201               10               40
         TOTAL (COMM-INST)
            AREA SOURCES             30             156              259               10               56
            POINT SOURCES             0               3                1                0                0

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            964             829             1550             1816             5383
```

```
*** 609 ***                                                                                                    *** 609 ***
SELECT CARD = <14    073                                                       45>
```

METAL FABRICATION	115	0	0	28	0
TEXTILE MANUFACTURING	1	0	0	0	0
OTHER/NOT CLASSIFIED	16	4164	87	1	8
TOTAL (INDUSTRIAL)	80400	80834	19225	106401	245930
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	25	24	20	146	197
OTHER INCINERATION	639	40	160	24	0
TOTAL (GOVERNMENT)	664	64	180	170	197
RESIDENTIAL (AREA)					
ON SITE INCINERATION	3928	45	121	11061	33175
OPEN BURNING	8100	296	2070	10927	34644
TOTAL (RESIDENTIAL)	12028	341	2191	21988	67819
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	964	289	465	559	1324
POINT SOURCES	101	22	1288	100	131
OPEN BURNING					
AREA SOURCES	22	0	5	43	100
TOTAL (COMM-INST)					
AREA SOURCES	986	289	470	602	1424
POINT SOURCES	101	22	1288	100	131
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	290	47	47	270	426
POINT SOURCES	217	68	56	33	74
OPEN BURNING					
AREA SOURCES	260	4	104	433	1493
POINT SOURCES	23	0	3	17	47
TOTAL (INDUSTRIAL)					
AREA SOURCES	550	51	151	703	1919
POINT SOURCES	240	68	59	50	121
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	13564	681	2812	23293	71162
POINT SOURCES	1005	154	1527	320	449
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	92785	3809	83150	99653	1010508
LIGHT DUTY TRUCKS	26632	1600	33778	38809	337297
HEAVY DUTY VEHICLES	6045	538	17329	19519	309111
OFF HIGHWAY	323	174	3655	9727	122949
TOTAL (GASOLINE)	125785	6121	137912	167708	1779865
DIESEL					
HEAVY DUTY VEHICLES	23971	10513	95706	12936	39791
OFF HIGHWAY	2103	1647	19836	3022	5997
RAIL	1781	4052	26306	6389	9244
TOTAL (DIESEL)	27855	16212	141848	22347	55032

```
*** G11 ***                                                                                    *** G11 ***
SELECT CARD = <15    078                                                   45>
```

```
                  POINT SOURCES          172          2649          1155            11           260   *** G12 ***
    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                    7             0          2391            59           303
            TOTAL (INDUSTRIAL)             7             0          2391            59           303

        COMM-INSTITUTIONAL

            TOTAL (COMM-INST)              1             3            10             1             2

        TOTAL (INTERNAL COMB)              8             3          2401            60           305

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES          5771         16199          6602          8116         24873
                  POINT SOURCES          180          2652          3556            71           565
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 0             0             0            27             0
    FOOD/AGRICULTURAL                   1048             0             9           937             0
    SECONDARY METALS                     152            50             5             0          7582
    MINERAL PRODUCTS                    4169            55           239            34            17
    PETROLEUM INDUSTRY                     1             8            28           144             7
    WOOD PRODUCTS                          1             0             0             0             0
    ORGANIC SOLVENT EVAPORATION            2             0             0          5596             0
    PETROLEUM STORAGE/TRANSPORT            0             0             0           344             0
    TOTAL (INDUSTRIAL)                  5373           113           281          7082          7606
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             372             3            13          1049          3148
        OPEN BURNING                     767            27           195          1033          3278
        TOTAL (RESIDENTIAL)             1139            30           208          2082          6426
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES            93            27            43            53           125
        OPEN BURNING
                  AREA SOURCES             2             0             1             3             9
        TOTAL (COMM-INST)
                  AREA SOURCES            95            27            44            56           134
    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES            25             4             4            23            38
        OPEN BURNING
                  AREA SOURCES            27             1            11            44           150
        TOTAL (INDUSTRIAL)
                  AREA SOURCES            52             5            15            67           188

    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES          1286            62           267          2205          6748
TRANSPORTATION (AREA)
********************
```

```
*** G13 ***
                                                                                  *** G13 ***
SELECT CARD = <16                                                  25>
```

```
*** G14 ***                                                                                    *** G14 ***
                 POINT SOURCES                0          3          1          0          0
         NATURAL GAS
                 AREA SOURCES                 6          1        221         21         44
                 POINT SOURCES                0          0          4          0          0
         TOTAL (COMM-INST)
                 AREA SOURCES               110        468        342         24         89
                 POINT SOURCES                0          3          5          0          0

     TOTAL (EXTERNAL COMB)
                 AREA SOURCES               207        549       1771        557        801
                 POINT SOURCES            13554      99892      33009        534       2195

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                      27          2          1          0          0
         TOTAL (ELEC GEN)                    27          2          1          0          0

      TOTAL (INTERNAL COMB)                  27          2          1          0          0

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES               207        549       1771        557        801
                 POINT SOURCES            13581      99894      33010        534       2195
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  1982          0        174       1164          0
   FOOD/AGRICULTURAL                       7649          0          0       1234         13
   SECONDARY METALS                         840         10          5          0       1710
   MINERAL PRODUCTS                        4194       2065        798          4        182
   ORGANIC SOLVENT EVAPORATION                1          0          0        233          0
   METAL FABRICATION                          1          0          0          0          0
   TOTAL (INDUSTRIAL)                     14667       2075        977       2615       1905
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OTHER INCINERATION                      2          0          0          0          0
      TOTAL (GOVERNMENT)                      2          0          0          0          0
   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  230          4          7        647       1940
      OPEN BURNING                          503         19        129        679       2152
      TOTAL (RESIDENTIAL)                   733         23        136       1326       4092
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                 AREA SOURCES                92         28         43         53        126
      TOTAL (COMM-INST)
                 AREA SOURCES                92         28         43         53        126
   INDUSTRIAL

      ON SITE INCINERATION
                 AREA SOURCES                22          5          5         21         31
                 POINT SOURCES                1          3          7         26         78
      TOTAL (INDUSTRIAL)
                 AREA SOURCES                22          5          5         21         31
                 POINT SOURCES                1          3          7         26         78
```

```
*** G15 ***                                                                                   *** G15 ***
          RESIDUAL OIL
              AREA SOURCES                   1          20           3           1           0
          DISTILLATE OIL
              AREA SOURCES                   5         110          76           0          18
          NATURAL GAS
              AREA SOURCES                   9           2         394          29          80
          TOTAL (COMM-INST)
              AREA SOURCES                 183         821         607          32         157
              POINT SOURCES                 10          37           8           0           3

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                 818        1178        2757        1765        4125
              POINT SOURCES               3368       31370       23539         302         696

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          NATURAL GAS                        0           0          12           0           4
          OTHER                              0           0           1           0           0
          TOTAL (ELEC GEN)                   0           0          13           0           4

      INDUSTRIAL FUEL

          GASOLINE                           0           0           0           0           2
          TOTAL (INDUSTRIAL)                 0           0           0           0           2

      TOTAL (INTERNAL COMB)                  0           0          13           0           6

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 818        1178        2757        1765        4125
              POINT SOURCES               3368       31370       23552         302         702
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                     8736           0           0           2          20
    SECONDARY METALS                      3977          14          18           0       19158
    MINERAL PRODUCTS                       698           2           1           2           1
    ORGANIC SOLVENT EVAPORATION              0           0           0          12           0
    TOTAL (INDUSTRIAL)                   13411          16          19          16       19179
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               458           4          16        1288        3861
        OPEN BURNING                       947          36         243        1278        4053
        TOTAL (RESIDENTIAL)               1405          40         259        2566        7914
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                 219          69         104         126         300
              POINT SOURCES                  6           0           0           0           0
        TOTAL (COMM-INST)
              AREA SOURCES                 219          69         104         126         300
              POINT SOURCES                  6           0           0           0           0
    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES                  44           7           7          41          63
              POINT SOURCES                 57           5          26           5           0
```

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                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA          AQCR:092 SOUTH CENTRAL IOWA                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              14             50              0             41             74
         DISTILLATE OIL               14            174            109              8             31
         NATURAL GAS                  33              4           1158             93            230
         WOOD                        470              3             37            975           2899
         TOTAL (RESIDENTIAL)         531            231           1304           1117           3234
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           10824          44489           8808            385            789
         LIGNITE                      12             83             33              0             33
         DISTILLATE OIL               46            177             20              3              0
         NATURAL GAS                  31              0             69             45             11
         TOTAL (ELEC GEN)          10913          44749           8930            433            833
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               0              0              0             19              0
         RESIDUAL OIL
            AREA SOURCES               0              0              0              1              0
            POINT SOURCES             83            412            120              0             11
         DISTILLATE OIL
            AREA SOURCES               0              1              1              3              0
            POINT SOURCES              2             96             31              0              7
         NATURAL GAS
            AREA SOURCES               1              0           1507            600            206
            POINT SOURCES             13              2            580             17            136
         COKE
            POINT SOURCES              0              0             23              0              3
         LIQUID PETROL GAS
            POINT SOURCES              0              0              7              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               1              1           1508            623            206
            POINT SOURCES             98            510            761             17            158
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              51            175             60              0              2
         BITUMINOUS COAL
            AREA SOURCES             248           1048            176              3            105
            POINT SOURCES              0              1              0              0              0
```

TOTAL (COMM-INST)					
AREA SOURCES	25	74	669	51	137
TOTAL (EXTERNAL COMB)					
AREA SOURCES	993	5975	38052	12952	5905
POINT SOURCES	3311	43646	24523	109	636
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	9	14	1	3
NATURAL GAS	0	0	18	6	3
TOTAL (ELEC GEN)	0	9	32	7	6
INDUSTRIAL FUEL					
NATURAL GAS	0	0	215	88	28
TOTAL (INDUSTRIAL)	0	0	215	88	28
TOTAL (INTERNAL COMB)	0	9	247	95	34
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	993	5975	38052	12952	5905
POINT SOURCES	3311	43655	24770	206	670
INDUSTRIAL PROCESS (POINT) *************************					
CHEMICAL MANUFACTURING	93	2044	5	12	1
FOOD/AGRICULTURAL	1887	0	0	10	0
SECONDARY METALS	62	3	8	0	18
MINERAL PRODUCTS	3135	2649	1644	1861	627
PETROLEUM INDUSTRY	144	890	1431	677	642
WOOD PRODUCTS	2	0	0	0	0
ORGANIC SOLVENT EVAPORATION	1	0	15	6289	2
PETROLEUM STORAGE/TRANSPORT	0	0	0	2723	0
OTHER/NOT CLASSIFIED	0	4175	0	0	0
TOTAL (INDUSTRIAL)	5324	9761	3103	9572	1090
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	12	3	18	3	0
TOTAL (GOVERNMENT)	12	3	18	3	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	410	7	12	1151	3455
OPEN BURNING	127	4	32	173	548
TOTAL (RESIDENTIAL)	537	11	44	1324	4003
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	40	13	19	23	55
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	41	13	19	25	59
INDUSTRIAL					

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:17 KANSAS          AQCR:098 SOUTHEAST KANSAS                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL.             2             11              0              2             15
         NATURAL GAS                 12              0            477             25             95
         WOOD                       988              9             78           2053           6098
         TOTAL (RESIDENTIAL)       1002             20            555           2080           6208
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           9356          85489          55163            266           1377
         RESIDUAL OIL                89           1459            214              7             10
         DISTILLATE OIL               0             16             45              0              9
         NATURAL GAS                 25              6           2595             16            156
         TOTAL (ELEC GEN)          9470          86970          57997            289           1552
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            136            983            245              0             29
            POINT SOURCES           117            750             23              0              0
         RESIDUAL OIL
            AREA SOURCES             18            232             55              0              5
            POINT SOURCES            23            201            134              0              6
         DISTILLATE OIL
            AREA SOURCES              7             76             86              2             21
            POINT SOURCES            19           2735             27              1              3
         NATURAL GAS
            AREA SOURCES             28              3           9567           3435           1258
            POINT SOURCES            33             11           1465             10             55
         TOTAL (INDUSTRIAL)
            AREA SOURCES            189           1296           9953           3437           1313
            POINT SOURCES           192           3697           1649             11             64
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              0              3              0              0              0
         DISTILLATE OIL
            AREA SOURCES              0             20             11              0              3
         NATURAL GAS
            AREA SOURCES              6              0            232             11             46
         TOTAL (COMM-INST)
            AREA SOURCES              6             23            243             11             49

      TOTAL (EXTERNAL COMB)
```

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*** H01 ***
    TOTAL (MISCELLANEOUS)                   99504              59            1665           33195           47514   *** H01 ***
GRAND TOTAL
***********

    AREA SOURCES                           158812            8986           71973          112348          613889

    POINT SOURCES                           29318          168002           57585           37548           85590

    TOTAL                                  188130          176988          129558          149896          699479
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*** H02 ***                                                                              *** H02 ***
              POINT SOURCES               1         22          4          0          3
           RESIDUAL OIL
              POINT SOURCES              73        850        172          8         11
           DISTILLATE OIL
              AREA SOURCES               42        744        521          3        118
              POINT SOURCES               6        216         58          1         15
           NATURAL GAS
              AREA SOURCES               55          9       2356        108        465
              POINT SOURCES              11          2        550         14         90
           LIQUID PETROL GAS
              POINT SOURCES               1          9         36          2          7
           TOTAL (COMM-INST)
              AREA SOURCES               97        753       2877        111        583
              POINT SOURCES              92       1099        820         25        126

        TOTAL (EXTERNAL COMB)
              AREA SOURCES            22183      19860      23869      42393     124827
              POINT SOURCES           35356     938382     277075       8046      22376

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                 0         22         36         23         36
           TOTAL (ELEC GEN)               0         22         36         23         36

        INDUSTRIAL FUEL

           NATURAL GAS                    1          0        896        197        628
           TOTAL (INDUSTRIAL)             1          0        896        197        628

        TOTAL (INTERNAL COMB)             1         22        932        220        664

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES            22183      19860      23869      42393     124827
              POINT SOURCES           35357     938404     278007       8266      23040
  INDUSTRIAL PROCESS (POINT)
  **************************

     CHEMICAL MANUFACTURING            2122       6346       3507       2002          3
     FOOD/AGRICULTURAL                  150          0          0          0          0
     PRIMARY METAL                     5850       3834        800         65       7307
     SECONDARY METALS                   455       1247          5        154         69
     MINERAL PRODUCTS                  6055       3544       3584       1550       1208
     PETROLEUM INDUSTRY                  31        692        110        131          1
     WOOD PRODUCTS                     9581      14299       6344       1073     139138
     ORGANIC SOLVENT EVAPORATION        222          0          0      17219          0
     PETROLEUM STORAGE/TRANSPORT          0          0          0       2885          0
     METAL FABRICATION                    0          0          0         86          0
     TEXTILE MANUFACTURING                8          0          0         17          0
     OTHER/NOT CLASSIFIED               406        418        119         81         16
     TOTAL (INDUSTRIAL)               24880      30380      14469      25263     147742
  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION            228          4          7        640       1920
        OPEN BURNING                   8148        316       2084      10966      34791
        TOTAL (RESIDENTIAL)            8376        320       2091      11606      36711

     COMMERCIAL-INSTITUTIONAL
```

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SELECT CARD = <11    054                                                                  45>
STATE 11 COUNTY 0500 NOT FOUND IN POINT FILE
STATE 11 COUNTY 1440 NOT FOUND IN POINT FILE
STATE 11 COUNTY 1680 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2560 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2940 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3020 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4040 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4200 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4880 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5100 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5580 NOT FOUND IN POINT FILE
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        MILITARY                         5            0            3            6           12
        CIVIL                            2            1           18           55         1098
        COMMERCIAL                       1            1           15           14           42
        TOTAL (AIRCRAFT)                 8            2           36           75         1152

    VESSELS

        GASOLINE                         0           11           60         1320         4701
        TOTAL (VESSELS)                  0           11           60         1320         4701

    TOTAL (TRANSPORTATION)           11768         1850        27087        20257       170738

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   506            0          120          568         4161
    FOREST MANAGED BURNING             382            0           79          274         2149
    AGRICULTURAL BURNING                92            0           13           86          617
    STRUCTURAL FIRES                   120            0            9           89          479
    GASOLINE STA EVAP LOSS               0            0            0         2048            0
    SOLVENT EVAPORATION LOSS             0            0            0         8983            0
    UNPAVED ROADS                    42700            0            0            0            0
    TOTAL (MISCELLANEOUS)            43800            0          221        12048         7406
GRAND TOTAL
***********

    AREA SOURCES                     59890         4500        30196        39815       201178

    POINT SOURCES                     1092         2167         2542          570          489

    TOTAL                            60982         6667        32738        40385       201667
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*** H05 ***
                  POINT SOURCES           3358        35679        21611          275         1439   *** H05 ***
     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

              DISTILLATE OIL               430          395         5933          463         1291
              TOTAL (ELEC GEN)             430          395         5933          463         1291

         INDUSTRIAL FUEL

              DISTILLATE OIL                 4            4           66            6           14
              TOTAL (INDUSTRIAL)             4            4           66            6           14

         TOTAL (INTERNAL COMB)             434          399         5999          469         1305

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES             130         2710         1368           24          337
                  POINT SOURCES           3792        36078        27610          744         2744
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                 35          945            0            0            0
     FOOD/AGRICULTURAL                      18           24            6            0            0
     SECONDARY METALS                       30          121           27            0            2
     MINERAL PRODUCTS                     3142         2524          625           76           13
     PETROLEUM INDUSTRY                    303         4697         1253          492           66
     ORGANIC SOLVENT EVAPORATION             0            0            0          336            0
     PETROLEUM STORAGE/TRANSPORT             0            0            0         4681            4
     OTHER/NOT CLASSIFIED                   35          269          230            0            0
     TOTAL (INDUSTRIAL)                   3563         8580         2141         5585           85
SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

          MUNICIPAL INCINERATION            46          139          166            0         1941
          TOTAL (GOVERNMENT)                46          139          166            0         1941

     RESIDENTIAL (AREA)

          ON SITE INCINERATION             859           13           27         2416         7247
          OPEN BURNING                     576           22          148          777         2466
          TOTAL (RESIDENTIAL)             1435           35          175         3193         9713

     COMMERCIAL-INSTITUTIONAL

          OPEN BURNING
                  AREA SOURCES               2            0            1            3            9
          TOTAL (COMM-INST)
                  AREA SOURCES               2            0            1            3            9

     INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES               1            0            0            1            2
                  POINT SOURCES              6            1            1           11           23
          OPEN BURNING
                  AREA SOURCES              13            0            5           22           75
          TOTAL (INDUSTRIAL)
                  AREA SOURCES              14            0            5           23           77
                  POINT SOURCES              6            1            1           11           23
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*** H06 ***
                                                                                                  *** H06 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                 RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:13 IDAHO          AQCR:063 IDAHO                         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              137            506             25             90            815
         DISTILLATE OIL                 4            212             52              0             13
         NATURAL GAS                    1              0            116              3             20
         WOOD                        4487             44            356           9311          27682
         TOTAL (RESIDENTIAL)         4629            762            549           9404          28530
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                6             47             11              0              1
            POINT SOURCES             164           1758           1440              6             49
         RESIDUAL OIL
            POINT SOURCES               0             40             12              0              1
         DISTILLATE OIL
            AREA SOURCES                9            252            115              3             25
         NATURAL GAS
            AREA SOURCES                0              0             21              6              3
            POINT SOURCES               0              0              5              0              0
         WOOD
            POINT SOURCES             963             70            662            543           1217
         TOTAL (INDUSTRIAL)
            AREA SOURCES               15            299            147              9             29
            POINT SOURCES            1127           1868           2119            549           1267
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               51            221             39              0             25
            POINT SOURCES              35            208            107              1             39
         DISTILLATE OIL
            AREA SOURCES                2            114             29              0              7
         NATURAL GAS
            AREA SOURCES                2              0            124              5             22
         WOOD
            POINT SOURCES              53              1              5             13             30
         TOTAL (COMM-INST)
            AREA SOURCES               55            335            192              5             54
            POINT SOURCES              88            209            112             14             69
      TOTAL (EXTERNAL COMB)
            AREA SOURCES             4699           1396            888           9418          28613
            POINT SOURCES            1215           2077           2231            563           1336
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*** H07 ***
TRANSPORTATION (AREA)                                                                                      *** H07 ***
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         10078          354          7587          9867        105540
            LIGHT DUTY TRUCKS            3010          149          3097          3954         36620
            HEAVY DUTY VEHICLES           860           70          2267          2814         44159
            OFF HIGHWAY                    55           31           617          1639         20696
            TOTAL (GASOLINE)            14003          604         13568         18274        207015

        DIESEL

            HEAVY DUTY VEHICLES          1325          545          5010           720          2224
            OFF HIGHWAY                   290          227          2727           416           825
            RAIL                          141          320          2076           505           730
            TOTAL (DIESEL)               1756         1092          9813          1641          3779

    AIRCRAFT

        MILITARY                           47            3            24            56           115
        CIVIL                               4            2            24            76          1494
        COMMERCIAL                          8           18           190           169           524
        TOTAL (AIRCRAFT)                   59           23           238           301          2133

    VESSELS

        DIESEL FUEL                         8           11            79            21            29
        GASOLINE                            0           19           106          2328          8302
        TOTAL (VESSELS)                     8           30           185          2349          8331

    TOTAL (TRANSPORTATION)              15826         1749         23804         22565        221258

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                      162            0            16           121           655
    GASOLINE STA EVAP LOSS                  0            0             0          2279             0
    SOLVENT EVAPORATION LOSS                0            0             0          6512             0
    UNPAVED ROADS                       32309            0             0             0             0
    UNPAVED AIRSTRIPS                       2            0             0             0             0
    TOTAL (MISCELLANEOUS)               32473            0            16          8912           655

GRAND TOTAL
***********

    AREA SOURCES                        53119         3256         26664         41071        250748

    POINT SOURCES                       17669        70816         94898         17552          4832

    TOTAL                               70788        74072        121562         58623        255580
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*** H08 ***
                 POINT SOURCES          1087        7066        2126          22         289   *** H08 ***
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                    0           0         708          12         353
         NATURAL GAS                       3           0         326           9          49
         TOTAL (ELEC GEN)                  3           0        1034          21         402

      INDUSTRIAL FUEL

         DISTILLATE OIL                   12           0         166          12          38
         NATURAL GAS                       0           0        1177           0           0
         TOTAL (INDUSTRIAL)               12           0        1343          12          38

      TOTAL (INTERNAL COMB)               15           0        2377          33         440

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            964         829        1550        1816        5383
                 POINT SOURCES          1102        7066        4503          55         729
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                118           0           0          29           0
   FOOD/AGRICULTURAL                     232           0           0           0           0
   PRIMARY METAL                        1125           0           0           0       24891
   SECONDARY METALS                      269           0           0           0        1511
   MINERAL PRODUCTS                     1206          80          39          88          42
   WOOD PRODUCTS                         146           0           0           0           0
   ORGANIC SOLVENT EVAPORATION            13           0           0        6636           0
   PETROLEUM STORAGE/TRANSPORT           303           0           0          49           0
   METAL FABRICATION                      65         140          35           1           2
   OTHER/NOT CLASSIFIED                    1           0           0           0           0
   TOTAL (INDUSTRIAL)                   3478         220          74        6803       26446
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               386           5          13        1089        3264
      OPEN BURNING                       476          17         121         643        2037
      TOTAL (RESIDENTIAL)                862          22         134        1732        5301

   INDUSTRIAL

      ON SITE INCINERATION
                 POINT SOURCES             0          12          14           1          48
      TOTAL (INDUSTRIAL)
                 POINT SOURCES             0          12          14           1          48

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            862          22         134        1732        5301
                 POINT SOURCES             0          12          14           1          48
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            5862         209        4499        5900       62706
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:14 ILLINOIS AQCR:073 ROCKFORD-JANESVILLE-BELOIT

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	4	17	0	3	22
DISTILLATE OIL	13	147	91	5	25
NATURAL GAS	27	5	917	49	182
WOOD	1152	12	91	2391	7105
TOTAL (RESIDENTIAL)	1196	181	1099	2448	7334
ELEC GENERATION (POINT)					
BITUMINOUS COAL	357	898	215	1	77
DISTILLATE OIL	3	90	55	0	12
TOTAL (ELEC GEN)	360	988	270	1	89
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	269	2177	472	1	61
POINT SOURCES	59	1604	296	5	84
RESIDUAL OIL					
POINT SOURCES	15	199	82	1	5
DISTILLATE OIL					
POINT SOURCES	3	8	40	0	7
NATURAL GAS					
AREA SOURCES	9	1	816	138	90
POINT SOURCES	9	0	258	3	32
OTHER					
POINT SOURCES	4	0	58	1	8
TOTAL (INDUSTRIAL)					
AREA SOURCES	278	2178	1288	139	151
POINT SOURCES	90	1811	734	10	136
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	9	28	10	0	0
BITUMINOUS COAL					
AREA SOURCES	20	109	16	0	9
DISTILLATE OIL					
AREA SOURCES	6	86	60	1	16
NATURAL GAS					
AREA SOURCES	8	1	281	16	56
POINT SOURCES	0	0	4	0	0
TOTAL (COMM-INST)					

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    AIRCRAFT

        MILITARY                          256         16        130        298        616
        CIVIL                              32         13        194        581      11687
        COMMERCIAL                         43        101       1048        928       2885
        TOTAL (AIRCRAFT)                  329        130       1372       1807      15188

    VESSELS

        DIESEL FUEL                        40         50        378         94        132
        RESIDUAL OIL                       11        149         24          1          1
        GASOLINE                            0         67        399       8706      31037
        TOTAL (VESSELS)                    51        266        801       8801      31170

    TOTAL (TRANSPORTATION)             154020      22729     281933     200663    1881255

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                     851          0        195        964       7041
     STRUCTURAL FIRES                    1582          0        148       1179       6393
     GASOLINE STA EVAP LOSS                 0          0          0      24674          0
     SOLVENT EVAPORATION LOSS               0          0          0      96145          0
     UNPAVED ROADS                      79594          0          0          0          0
     UNPAVED AIRSTRIPS                     28          0          0          0          0
     TOTAL (MISCELLANEOUS)              82055          0        343     122962      13434

GRAND TOTAL
***********

     AREA SOURCES                      294372     148227     338303     410045    2159466

     POINT SOURCES                     119361    1688655     473772     111530     269671

     TOTAL                             413733    1836882     812075     521575    2429137
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*** H11 ***
                                                                                              *** H11 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:078 LOUISVILLE           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                           PARTICULATES       SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL           0              0              0              0              2
         DISTILLATE OIL            5             58             36              2             10
         NATURAL GAS               7              2            210             11             42
         WOOD                   1290             13            102           2679           7962
         TOTAL (RESIDENTIAL)    1302             73            348           2692           8016
      ELEC GENERATION (POINT)

         BITUMINOUS COAL        2729          65769          11426             38            326
         DISTILLATE OIL            0             30             17              0              4
         TOTAL (ELEC GEN)       2729          65799          11441             38            330
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         212           1794            388              2             50
         RESIDUAL OIL
            AREA SOURCES           8            110             26              0              2
         DISTILLATE OIL
            AREA SOURCES           3             26             30              1              7
            POINT SOURCES          4             57             24              1              4
         NATURAL GAS
            AREA SOURCES           3              0            141              3             35
            POINT SOURCES          1              1             38              1              5
         WOOD
            POINT SOURCES         18              2             15             28             27
         TOTAL (INDUSTRIAL)
            AREA SOURCES         226           1930            585              6             94
            POINT SOURCES         23             60             77             30             36
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES           1             12              3              0              0
         DISTILLATE OIL
            AREA SOURCES           1             23             16              0              4
            POINT SOURCES          0              0              1              0              0
         NATURAL GAS
            AREA SOURCES           3              0             80              4             16
         WOOD
            POINT SOURCES         44              1              3              9             20
         TOTAL (COMM-INST)
            AREA SOURCES           5             35             99              4             20
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8660	373	8148	9490	95263
LIGHT DUTY TRUCKS	2478	158	3359	3720	31787
HEAVY DUTY VEHICLES	540	48	1571	1744	27641
OFF HIGHWAY	44	22	475	1263	15963
TOTAL (GASOLINE)	11722	601	13553	16217	170654
DIESEL					
HEAVY DUTY VEHICLES	5268	2195	20067	2847	8794
OFF HIGHWAY	253	198	2377	363	718
RAIL	173	391	2538	617	893
TOTAL (DIESEL)	5674	2784	24982	3827	10405
AIRCRAFT					
MILITARY	26	2	13	31	64
CIVIL	2	1	18	53	1107
COMMERCIAL	6	14	149	132	411
TOTAL (AIRCRAFT)	34	17	180	216	1582
VESSELS					
GASOLINE	0	16	88	1956	6975
TOTAL (VESSELS)	0	16	88	1956	6975
TOTAL (TRANSPORTATION)	17430	3418	38803	22216	189616
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	142	0	16	105	575
GASOLINE STA EVAP LOSS	0	0	0	2317	0
SOLVENT EVAPORATION LOSS	0	0	0	10874	0
UNPAVED ROADS	9623	0	0	0	0
TOTAL (MISCELLANEOUS)	9765	0	16	13296	575
GRAND TOTAL ***********					
AREA SOURCES	34252	19679	45688	45833	221812
POINT SOURCES	5553	2765	3837	7153	8171
TOTAL	39805	22444	49525	52986	229983

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*** H13 ***
                                                                                                    *** H13 ***
                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE EMISSIONS REPORT
**************************                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 16:IOWA                                   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                               POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                          PARTICULATES        SOX           NOX           VOC           CO
                          ************  ************  ************  ************  ************
                           TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             57           244             2           119           349
         DISTILLATE OIL             114          1355           846            41           240
         NATURAL GAS                142            15          4693           311           937
         WOOD                      3275            27           258          6637         20191
         TOTAL (RESIDENTIAL)       3588          1641          5799          7108         21717

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          30071        215992        133222          1496          5200
         LIGNITE                     12            83            33             0            33
         RESIDUAL OIL                 2            25             9             0             1
         DISTILLATE OIL              90           565           190             9            29
         NATURAL GAS                163             1           818            72           130
         TOTAL (ELEC GEN)         30338        216666        134272          1577          5393

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES            15             0             0             0             0
         BITUMINOUS COAL
            AREA SOURCES              0             0             0            35             0
            POINT SOURCES          5084         53243         15766           148           938
         RESIDUAL OIL
            AREA SOURCES              0             0             0             2             0
            POINT SOURCES           279          1744           377             1            31
         DISTILLATE OIL
            AREA SOURCES              0             2             2             5             0
            POINT SOURCES           125          1278           407            18            82
         NATURAL GAS
            AREA SOURCES              3             0          6987          2785           949
            POINT SOURCES           154            14          8429           226           845
         PROCESS GAS
            POINT SOURCES             9             7           405             8           101
         COKE
            POINT SOURCES             0             0            23             0             3
         LIQUID PETROL GAS
            POINT SOURCES             0             0            38             0             8
         TOTAL (INDUSTRIAL)
            AREA SOURCES              3             2          6989          2827           949
            POINT SOURCES          5666         56286         25445           401          2008

      COMM-INSTITUTIONAL FUEL
```

```
*** H14 ***                                                                                          *** H14 ***
    TOTAL (SOLID WASTE DISP)
              AREA SOURCES              847          56         184        1400        4249
              POINT SOURCES               3           3           7          26          78
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           3766         138        3036        3945       41704
         LIGHT DUTY TRUCKS             1206          62        1272        1611       14963
         HEAVY DUTY VEHICLES            286          23         764         938       14719
         OFF HIGHWAY                     18          10         197         526        6651
         TOTAL (GASOLINE)              5276         233        5269        7020       78037
      DIESEL

         HEAVY DUTY VEHICLES            810         348        3178         439        1351
         OFF HIGHWAY                    175         137        1649         252         499
         RAIL                            48         112         723         176         254
         TOTAL (DIESEL)                1033         597        5550         867        2104
   AIRCRAFT

      CIVIL                               2           1          10          35         676
      TOTAL (AIRCRAFT)                    2           1          10          35         676
   VESSELS

      DIESEL FUEL                         4           5          39          10          14
      GASOLINE                            0          10          59        1285        4581
      TOTAL (VESSELS)                     4          15          98        1295        4595

   TOTAL (TRANSPORTATION)              6315         846       10927        9217       85412
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       4           0           1           5          40
   STRUCTURAL FIRES                      71           0           7          53         288
   GASOLINE STA EVAP LOSS                 0           0           0        1383           0
   SOLVENT EVAPORATION LOSS               0           0           0        5253           0
   UNPAVED ROADS                      40145           0           0           0           0
   UNPAVED AIRSTRIPS                      3           0           0           0           0
   TOTAL (MISCELLANEOUS)              40223           0           8        6694         328
GRAND TOTAL
***********

   AREA SOURCES                       47592        1451       12890       17868       90790

   POINT SOURCES                      28251      101972       33994        3175        4178

   TOTAL                              75843      103423       46884       21043       94968
```

```
*** H15 ***                                                                                                   *** H15 ***
      TOTAL (INDUSTRIAL)
              AREA SOURCES                44             7              7             41             63
              POINT SOURCES               57             5             26              5              0
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              1668           116            370           2733           8277
              POINT SOURCES               63             5             26              5              0
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            7176           289           6543           8225          84073
         LIGHT DUTY TRUCKS              2318           133           2806           3398          30342
         HEAVY DUTY VEHICLES             675            61           2008           2246          35477
         OFF HIGHWAY                      34            21            382           1015          12833
         TOTAL (GASOLINE)              10201           504          11739          14884         162725
      DIESEL

         HEAVY DUTY VEHICLES            1947           877           7957           1050           3217
         OFF HIGHWAY                     466           365           4395            670           1328
         RAIL                             94           210           1365            331            478
         TOTAL (DIESEL)                 2507          1452          13717           2051           5023
   AIRCRAFT

      MILITARY                            30             2             15             35             72
      CIVIL                                3             2             20             62           1265
      COMMERCIAL                           9            20            212            188            584
      TOTAL (AIRCRAFT)                    42            24            247            285           1921
   VESSELS

      GASOLINE                             0             5             31            690           2463
      TOTAL (VESSELS)                      0             5             31            690           2463
   TOTAL (TRANSPORTATION)              12750          1985          25734          17910         172132
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       52             0             13             59            433
   STRUCTURAL FIRES                      141             0             15            105            570
   GASOLINE STA EVAP LOSS                  0             0              0           1887              0
   SOLVENT EVAPORATION LOSS                0             0              0           7601              0
   UNPAVED ROADS                      146118             0              0              0              0
   UNPAVED AIRSTRIPS                       2             0              0              0              0
   TOTAL (MISCELLANEOUS)              146313             0             28           9652           1003
GRAND TOTAL
***********

   AREA SOURCES                       161549          3279          28889          32060         185537

   POINT SOURCES                       16842         31391          23597            323          19881

   TOTAL                              178391         34670          52486          32383         205418
```

```
          RESIDUAL OIL
             AREA SOURCES                    2          36           6           2           0
          DISTILLATE OIL
             AREA SOURCES                   10         174         122           0          31
          NATURAL GAS
             AREA SOURCES                   17           3         678          48         137
             POINT SOURCES                   6           0           6           0           1
          LIQUID PETROL GAS
             POINT SOURCES                   3           0           0           0           0
          TOTAL (COMM-INST)
             AREA SOURCES                  328        1436        1042          53         275
             POINT SOURCES                   9           1           6           0           1

       TOTAL (EXTERNAL COMB)
             AREA SOURCES                  860        1668        3856        1793        3715
             POINT SOURCES               11020       45260        9697         450         992
    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                    14          15         203          14          45
          NATURAL GAS                        1           0          35           1          10
          OTHER                              0           0           3           0           1
          TOTAL (ELEC GEN)                  15          15         241          15          56

       INDUSTRIAL FUEL

          DISTILLATE OIL                     1           1          18           1           4
          GASOLINE                           0           0           0           0           4
          TOTAL (INDUSTRIAL)                 1           1          18           1           8

       TOTAL (INTERNAL COMB)                16          16         259          16          64

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                  860        1668        3856        1793        3715
             POINT SOURCES               11036       45276        9956         466        1056
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                1027           0           0        9860           0
    FOOD/AGRICULTURAL                    11515           4           0           0           0
    SECONDARY METALS                       147          14           1           0        4638
    MINERAL PRODUCTS                      4011        3490         901          35          17
    ORGANIC SOLVENT EVAPORATION             11           0           0        1832           0
    OTHER/NOT CLASSIFIED                     4           0           0           0           0
    TOTAL (INDUSTRIAL)                   16715        3508         902       11727        4655
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OTHER INCINERATION                    1           0           0           0           0
       TOTAL (GOVERNMENT)                    1           0           0           0           0

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                618           7          19        1741        5217
       OPEN BURNING                       1308          51         337        1769        5604
       TOTAL (RESIDENTIAL)                1926          58         356        3510       10821

    COMMERCIAL-INSTITUTIONAL
```

ON SITE INCINERATION					
AREA SOURCES	10	2	2	9	14
POINT SOURCES	3	0	1	0	0
OPEN BURNING					
AREA SOURCES	9	0	4	15	50
TOTAL (INDUSTRIAL)					
AREA SOURCES	19	2	6	24	64
POINT SOURCES	3	0	1	0	0
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	597	26	69	1373	4126
POINT SOURCES	15	3	19	3	0
TRANSPORTATION (AREA) ***********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12336	349	7244	10821	120441
LIGHT DUTY TRUCKS	2996	115	2129	3529	34442
HEAVY DUTY VEHICLES	377	25	710	1149	17838
OFF HIGHWAY	29	15	524	862	10898
TOTAL (GASOLINE)	15738	504	10607	16361	183619
DIESEL					
HEAVY DUTY VEHICLES	2405	873	8103	1323	4131
OFF HIGHWAY	244	190	2293	349	693
RAIL	420	956	6209	1508	2181
TOTAL (DIESEL)	3069	2019	16605	3180	7005
AIRCRAFT					
MILITARY	3	0	1	3	6
CIVIL	5	2	17	55	1119
COMMERCIAL	1	2	18	16	52
TOTAL (AIRCRAFT)	9	4	36	74	1177
VESSELS					
GASOLINE	0	2	11	245	923
TOTAL (VESSELS)	0	2	11	245	923
TOTAL (TRANSPORTATION)	18816	2529	27259	19860	192724
MISCELLANEOUS (AREA) **********************					
FOREST WILDFIRES	29	0	7	32	238
STRUCTURAL FIRES	130	0	12	98	532
GASOLINE STA EVAP LOSS	0	0	0	2290	0
SOLVENT EVAPORATION LOSS	0	0	0	8353	0
UNPAVED ROADS	72360	0	0	0	0
UNPAVED AIRSTRIPS	38	0	0	0	0
TOTAL (MISCELLANEOUS)	72557	0	19	10773	770
GRAND TOTAL ***********					
AREA SOURCES	92963	8530	65399	44958	203525
POINT SOURCES	8650	53419	27892	9779	1760
TOTAL	101613	61949	93291	54737	205285

*** H18 *** *** H18 ***

AREA SOURCES	1197	1337	10751	5528	7570
POINT SOURCES	9662	90667	59646	300	1616
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	6	6	138	42	28
NATURAL GAS	4	0	906	184	125
TOTAL (ELEC GEN)	10	6	1044	226	153
INDUSTRIAL FUEL					
DISTILLATE OIL	0	0	14	14	3
NATURAL GAS	0	0	3917	395	507
TOTAL (INDUSTRIAL)	0	0	3931	409	510
TOTAL (INTERNAL COMB)	10	6	4975	635	663
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1197	1337	10751	5528	7570
POINT SOURCES	9672	90673	64621	935	2279
INDUSTRIAL PROCESS (POINT) *************************					
CHEMICAL MANUFACTURING	723	561	531	684	288
FOOD/AGRICULTURAL	4896	0	0	1	1
PRIMARY METAL	2	0	0	0	0
SECONDARY METALS	39	0	0	0	104
MINERAL PRODUCTS	10421	5656	2686	6	14
PETROLEUM INDUSTRY	164	2114	1184	1519	617
WOOD PRODUCTS	1	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	571	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	3606	0
OTHER/NOT CLASSIFIED	0	15136	0	0	0
TOTAL (INDUSTRIAL)	16246	23467	4401	6387	1024
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
OPEN BURNING	524	19	133	704	2238
TOTAL (RESIDENTIAL)	524	19	133	704	2238
COMMERCIAL-INSTITUTIONAL					
OPEN BURNING					
AREA SOURCES	5	0	0	10	20
TOTAL (COMM-INST)					
AREA SOURCES	5	0	0	10	20
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	1	0	0	2	20
OPEN BURNING					
AREA SOURCES	14	0	7	21	70
TOTAL (INDUSTRIAL)					
AREA SOURCES	14	0	7	21	70
POINT SOURCES	1	0	0	2	20
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	543	19	140	735	2328

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SELECT CARD = <10    050                                                              45>
STATE 10 COUNTY 3200 NOT FOUND IN POINT FILE
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      ON SITE INCINERATION
              AREA SOURCES              68         11         38         43        110
      OPEN BURNING
              AREA SOURCES              27          0          8         48        124
      TOTAL (COMM-INST)
              AREA SOURCES              95         11         46         91        234

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               1          0          0          1          2
              POINT SOURCES             51       8857         59         51         47
      OPEN BURNING
              AREA SOURCES             461          9        176        784       2738
      TOTAL (INDUSTRIAL)
              AREA SOURCES             462          9        176        785       2740
              POINT SOURCES             51       8857         59         51         47

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES            8933        340       2313      12482      39685
              POINT SOURCES             51       8857         59         51         47
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        103720       4327      92821     110323    1078654
         LIGHT DUTY TRUCKS           24656       1551      31592      35210     293515
         HEAVY DUTY VEHICLES          6320        578      18386      20466     324315
         OFF HIGHWAY                   293        145       3288       8761     110666
         TOTAL (GASOLINE)           134989       6601     146087     174760    1807150
      DIESEL

         HEAVY DUTY VEHICLES         21120       9442      85764      11385      34927
         OFF HIGHWAY                   909        703       8528       1302       2579
         RAIL                         1010       2291      14797       3591       5201
         TOTAL (DIESEL)              23039      12436     109089      16278      42707
   AIRCRAFT

      MILITARY                        1276         82        655       1499       3097
      CIVIL                             34         15        190        615      12372
      COMMERCIAL                       149        342       3560       3155       9802
      TOTAL (AIRCRAFT)                1459        439       4405       5269      25271
   VESSELS

      DIESEL FUEL                      779        974       7268       1818       2544
      RESIDUAL OIL                     267       3527        580         35         19
      GASOLINE                           0         68        437       9404      33517
      TOTAL (VESSELS)                 1046       4569       8285      11257      36080

   TOTAL (TRANSPORTATION)           160533      24045     267866     207564    1911208
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   7858         52       1850       8878      64710
   FOREST MANAGED BURNING            34058        248       6812      24355     190719
   AGRICULTURAL BURNING               5897          0        832       5438      39206
   STRUCTURAL FIRES                   1324          0        102        979       5341
   GASOLINE STA EVAP LOSS                0          0          0      26689          0
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                                                                                                              *** 103 ***
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:      MONDAY  NOVEMBER 28, 1983
STATE:11 GEORGIA        AQCR:054 CENTRAL GEORGIA                       AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                                      POINT EMISSIONS AS OF:      MONDAY      JULY 11, 1983

                               PARTICULATES          SOX               NOX               VOC               CO
                               ************      ************      ************      ************      ************
                                TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             108               378                20                70               641
         DISTILLATE OIL                0                 1                 0                 0                 0
         NATURAL GAS                  10                 1               523                27               104
         WOOD                       3585                38               286              7437             22104
         TOTAL (RESIDENTIAL)        3703               418               829              7534             22849
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            4026             92273             35809               523              1774
         DISTILLATE OIL                0                18                15                 0                 6
         NATURAL GAS                   0                 0                40                 0                 6
         OTHER                       173                81               840               215               309
         TOTAL (ELEC GEN)           4199             92372             36704               738              2095
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES             19              1038               734                 3                24
         BITUMINOUS COAL
            AREA SOURCES             217              1640               287                 0                35
            POINT SOURCES             47               173                26                 1                14
         RESIDUAL OIL
            POINT SOURCES             45              1366               543                 4                47
         DISTILLATE OIL
            POINT SOURCES             26               230                33                 0                 7
         NATURAL GAS
            AREA SOURCES               7                 1              1029               211               119
            POINT SOURCES             16                13               851                15                91
         WOOD
            POINT SOURCES            123                 9               295               137               492
         TOTAL (INDUSTRIAL)
            AREA SOURCES             224              1641              1316               211               154
            POINT SOURCES            276              2829              2482               160               675
      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES               3                53                37                 0                 7
            POINT SOURCES              0                 1                 0                 0                 0
         NATURAL GAS
            AREA SOURCES               3                 0               188                 7                37
            POINT SOURCES              1                 0                 5                 0                 1
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SELECT CARD = <11    058                                                                  45>
STATE 11 COUNTY 0620 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0820 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4840 NOT FOUND IN POINT FILE
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    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1451        35       181      3219      9799
                POINT SOURCES             52       140       167        11      1964
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        22658       677     14221     21096    215576
            LIGHT DUTY TRUCKS           4088       182      3504      4670     41774
            HEAVY DUTY VEHICLES          498        35      1011      1471     23110
            OFF HIGHWAY                   64        35       710      1890     23877
            TOTAL (GASOLINE)           27308       929     19446     29127    304337

        DIESEL

            HEAVY DUTY VEHICLES          993       392      3607       542      1680
            OFF HIGHWAY                  567       445      5342       813      1614
            RAIL                           5        12        78        19        27
            TOTAL (DIESEL)              1565       849      9027      1374      3321

    AIRCRAFT

        MILITARY                        1450        95       745      1706      3522
        CIVIL                              6         2        22        69      1383
        COMMERCIAL                        97       225      2337      2072      6436
        TOTAL (AIRCRAFT)                1553       322      3104      3847     11341

    VESSELS

        DIESEL FUEL                       29        36       265        66        93
        RESIDUAL OIL                      71       924       152         9         6
        GASOLINE                           0         6        35       791      2822
        TOTAL (VESSELS)                  100       966       452       866      2921

    TOTAL (TRANSPORTATION)             30526      3066     32029     35214    321920

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     333         3        78       375      2732
    AGRICULTURAL BURNING                7525         0      1068      6937     50002
    STRUCTURAL FIRES                     220         0        21       165       895
    GASOLINE STA EVAP LOSS                 0         0         0      2993         0
    SOLVENT EVAPORATION LOSS               0         0         0     10452         0
    UNPAVED ROADS                       6442         0         0         0         0
    TOTAL (MISCELLANEOUS)              14520         3      1167     20922     53629
GRAND TOTAL
***********

    AREA SOURCES                       46627      5814     34745     59379    385685

    POINT SOURCES                       7407     44798     29918      6340      4793

    TOTAL                              54034     50612     64663     65719    390478
    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            4699          1396           888          9418         28613
                 POINT SOURCES           1215          2077          2231           563          1336

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  2             0             0             0             0
    FOOD/AGRICULTURAL                     720             0             0             0             0
    MINERAL PRODUCTS                      442             9             4             9             5
    WOOD PRODUCTS                         686             0             0             0             0
    PETROLEUM STORAGE/TRANSPORT             0             0             0             4             0
    METAL FABRICATION                       3             0             0             0             0
    TOTAL (INDUSTRIAL)                   1853             9             4            13             5

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             18            14            17             8           197
        TOTAL (GOVERNMENT)                 18            14            17             8           197

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              248             1             5           700          2100
        OPEN BURNING                      511            21           131           692          2191
        TOTAL (RESIDENTIAL)               759            22           136          1392          4291

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES               2             0             1             1             2
        TOTAL (COMM-INST)
                 AREA SOURCES               2             0             1             1             2

    INDUSTRIAL

        ON SITE INCINERATION
                 POINT SOURCES            443             7            69           765          9056
        TOTAL (INDUSTRIAL)
                 POINT SOURCES            443             7            69           765          9056

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             761            22           137          1393          4293
                 POINT SOURCES            461            21            86           773          9253

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          2522           146          2928          4214         45285
            LIGHT DUTY TRUCKS            1872           152          2785          3571         36765
            HEAVY DUTY VEHICLES           273            31           695          1199         24085
            OFF HIGHWAY                    15             8           211           558          7048
            TOTAL (GASOLINE)             4682           337          6619          9542        113183

        DIESEL

            HEAVY DUTY VEHICLES           716           381          1803           767          1840
            OFF HIGHWAY                   640           498          6003           916          1815
            RAIL                           96           219          1416           345           498
```

SELECT CARD = <14 066 45>

LIGHT DUTY TRUCKS	1609	80	1657	2106	19500
HEAVY DUTY VEHICLES	399	34	1070	1306	20518
OFF HIGHWAY	23	12	259	689	8723
TOTAL (GASOLINE)	7893	335	7485	10001	111447
DIESEL					
HEAVY DUTY VEHICLES	1127	458	4197	612	1898
OFF HIGHWAY	169	133	1598	243	483
RAIL	80	180	1171	285	411
TOTAL (DIESEL)	1376	771	6966	1140	2792
AIRCRAFT					
MILITARY	8	1	4		
CIVIL	4	1	15	10	20
COMMERCIAL	8	19	197	45	899
TOTAL (AIRCRAFT)	20	21	216	174	542
				229	1461
VESSELS					
DIESEL FUEL	7	9	65	16	23
GASOLINE	0	13	72	1561	5560
TOTAL (VESSELS)	7	22	137	1577	5583
TOTAL (TRANSPORTATION)	9296	1149	14804	12947	121283
MISCELLANEOUS (AREA)					
********************					
STRUCTURAL FIRES	90	0	7	67	364
GASOLINE STA EVAP LOSS	0	0	0	1359	0
SOLVENT EVAPORATION LOSS	0	0	0	4794	0
UNPAVED ROADS	15908	0	0	0	0
TOTAL (MISCELLANEOUS)	15998	0	7	6220	364
GRAND TOTAL					
***********					
AREA SOURCES	27120	2000	16495	22715	132331
POINT SOURCES	4580	7298	4591	6859	27223
TOTAL	31700	9298	21086	29574	159554

AREA SOURCES	43	224	367	17	81
POINT SOURCES	0	0	4	0	0
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1517	2583	2754	2604	7566
POINT SOURCES	450	2799	1008	11	225
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	7	48	101	7	22
NATURAL GAS	1	2	286	7	36
TOTAL (ELEC GEN)	8	50	387	14	58
TOTAL (INTERNAL COMB)	8	50	387	14	58
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1517	2583	2754	2604	7566
POINT SOURCES	458	2849	1395	25	283
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	2	0	0	1470	0
FOOD/AGRICULTURAL	625	0	0	0	0
PRIMARY METAL	15	11	32	0	2
SECONDARY METALS	781	263	37	0	2199
MINERAL PRODUCTS	648	0	0	0	0
ORGANIC SOLVENT EVAPORATION	250	0	313	9253	0
PETROLEUM STORAGE/TRANSPORT	7	0	5	1049	0
METAL FABRICATION	480	0	25	10	1
OTHER/NOT CLASSIFIED	190	0	0	20	0
TOTAL (INDUSTRIAL)	2998	274	412	11802	2202
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	536	8	17	1505	4517
OPEN BURNING	523	19	134	705	2235
TOTAL (RESIDENTIAL)	1059	27	151	2210	6752
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	6	10	0	0	0
TOTAL (INDUSTRIAL)					
POINT SOURCES	6	10	0	0	0
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1059	27	151	2210	6752
POINT SOURCES	6	10	0	0	0
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8567	290	6331	8588	92238
LIGHT DUTY TRUCKS	1925	90	1904	2529	23654
HEAVY DUTY VEHICLES	467	35	1134	1509	23583

```
SELECT CARD = <15    067                                                                  45>
```

```
*** I11 ***
              POINT SOURCES              44            1            4            9           20   *** I11 ***
       TOTAL (EXTERNAL COMB)
              AREA SOURCES             1533         2038         1032         2702         8130
              POINT SOURCES            2796        65860        11522           77          386
    TOTAL (FUEL COMBUSTION)

              AREA SOURCES             1533         2038         1032         2702         8130
              POINT SOURCES            2796        65860        11522           77          386
 INDUSTRIAL PROCESS (POINT)
 *************************

    CHEMICAL MANUFACTURING               45            0            1            3            8
    FOOD/AGRICULTURAL                     0            0            0          941            0
    SECONDARY METALS                      1            0            0            0            1
    MINERAL PRODUCTS                   3711         2762          735           12            6
    WOOD PRODUCTS                        38            0            0            0            0
    ORGANIC SOLVENT EVAPORATION         149            0            0         1711            0
    PETROLEUM STORAGE/TRANSPORT           0            0            0          123            0
    OTHER/NOT CLASSIFIED                  0         2449            0            0            0
    TOTAL (INDUSTRIAL)                 3944         5211          736         2790           15
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION             100            2            3          281          842
       OPEN BURNING                     203            7           52          275          869
       TOTAL (RESIDENTIAL)              303            9           55          556         1711
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                24            8           12           14           36
       TOTAL (COMM-INST)
             AREA SOURCES                24            8           12           14           36
    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                 7            2            2            6            9
       OPEN BURNING
             AREA SOURCES                 6            0            2           11           40
             POINT SOURCES                5            0            2           10           28
       TOTAL (INDUSTRIAL)
             AREA SOURCES                13            2            4           17           49
             POINT SOURCES                5            0            2           10           28
    TOTAL (SOLID WASTE DISP)
             AREA SOURCES               340           19           71          587         1796
             POINT SOURCES                5            0            2           10           28
TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           3180          118         2667         3517        36156
         LIGHT DUTY TRUCKS              860           44          927         1220        11056
         HEAVY DUTY VEHICLES            113            9          286          359         5644
         OFF HIGHWAY                      7            3           75          198         2505
```

SELECT CARD = <15   082

45>

```
        ANTHRACITE COAL
            AREA SOURCES               175          592          210            0            6
        BITUMINOUS COAL
            AREA SOURCES               825         3504          589           12          351
            POINT SOURCES               11           43            9            0            3
        RESIDUAL OIL
            AREA SOURCES                 4          116           19            4            0
        DISTILLATE OIL
            AREA SOURCES                29          621          434            0          103
            POINT SOURCES                1           23            9            0            3
        NATURAL GAS
            AREA SOURCES                52            8         2316          156          466
            POINT SOURCES                6            0           92            0           13
        LIQUID PETROL GAS
            POINT SOURCES                3            0            2            0            0
        TOTAL (COMM-INST)
            AREA SOURCES              1085         4841         3568          172          926
            POINT SOURCES               21           66          112            0           19

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              4676         6484        16356        10107        23592
            POINT SOURCES            36025       273018       159829         1978         7420

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 44           25          228           15           50
         NATURAL GAS                    28           68          351           27           23
         OTHER                           0            0            9            0            1
         TOTAL (ELEC GEN)               72           93          588           42           74

      INDUSTRIAL FUEL

         DISTILLATE OIL                  5            8           66            5           14
         NATURAL GAS                     0            0           78            2           10
         GASOLINE                        0            0            1            2           62
         TOTAL (INDUSTRIAL)              5            8          145            9           86

      TOTAL (INTERNAL COMB)             77          101          733           51          160

    TOTAL (FUEL COMBUSTION)

            AREA SOURCES              4676         6484        16356        10107        23592
            POINT SOURCES            36102       273119       160562         2029         7580

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            3967         8309         1087        12252         1745
    FOOD/AGRICULTURAL                69536            4            0         1239           59
    PRIMARY METAL                    20547            0            0            0            0
    SECONDARY METALS                  5646          251           32            0        47228
    MINERAL PRODUCTS                 26950        13088         3313          611          233
    ORGANIC SOLVENT EVAPORATION         12            0            0         3635            0
    PETROLEUM STORAGE/TRANSPORT          0            0            0            6            0
    METAL FABRICATION                   61            0            0            0            0
    OTHER/NOT CLASSIFIED               358            0            0            0            0
    TOTAL (INDUSTRIAL)              127077        21652         4432        17543        49265

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)
```

```
*** I14 ***
SELECT CARD = <16    085                                                          45>                              *** I14 ***
```

SELECT CARD = <16 089 45>

ON SITE INCINERATION					
AREA SOURCES	240	75	115	139	332
TOTAL (COMM-INST)					
AREA SOURCES	240	75	115	139	332
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	62	12	12	60	89
POINT SOURCES	1	0	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	62	12	12	60	89
POINT SOURCES	1	0	0	0	0
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2228	145	483	3709	11242
POINT SOURCES	2	0	0	0	0
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	10903	475	10798	12931	129176
LIGHT DUTY TRUCKS	3484	216	4632	5329	46373
HEAVY DUTY VEHICLES	961	91	3065	3241	51449
OFF HIGHWAY	44	21	463	1228	15527
TOTAL (GASOLINE)	15392	803	18958	22729	242525
DIESEL					
HEAVY DUTY VEHICLES	3289	1477	13420	1773	5436
OFF HIGHWAY	488	384	4605	701	1392
RAIL	131	293	1906	463	668
TOTAL (DIESEL)	3908	2154	19931	2937	7496
AIRCRAFT					
MILITARY	34	2	17	39	81
CIVIL	5	2	39	116	2293
COMMERCIAL	10	23	234	207	644
TOTAL (AIRCRAFT)	49	27	290	362	3018
VESSELS					
GASOLINE	0	1	8	191	683
TOTAL (VESSELS)	0	1	8	191	683
TOTAL (TRANSPORTATION)	19349	2985	39187	26219	253720
MISCELLANEOUS (AREA)					
*******************					
FOREST WILDFIRES	65	0	18	70	519
STRUCTURAL FIRES	190	0	19	143	776
GASOLINE STA EVAP LOSS	0	0	0	3274	0
SOLVENT EVAPORATION LOSS	0	0	0	9671	0
UNPAVED ROADS	190936	0	0	0	0
TOTAL (MISCELLANEOUS)	191191	0	37	13158	1293
GRAND TOTAL					
***********					
AREA SOURCES	213628	4798	43561	44879	269970

```
*** I17 ***
SELECT CARD = <17    095                                                   65>                     *** I17 ***
```

```
*** I18 ***
            POINT SOURCES                 1                0                0                2                20   *** I18 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           4051              168             3755             4704             46809
         LIGHT DUTY TRUCKS             2097              122             2522             3064             26818
         HEAVY DUTY VEHICLES            263               22              753              845             13401
         OFF HIGHWAY                     18               11              225              599              7572
         TOTAL (GASOLINE)              6629              323             7255             9212             94600

      DIESEL

         HEAVY DUTY VEHICLES           1006              455             4115              544              1665
         OFF HIGHWAY                    242              190             2281              349               691
         RAIL                           232              532             3446              836              1212
         TOTAL (DIESEL)                1480             1177             9842             1729              3568

   AIRCRAFT

      CIVIL                               0                0               16               52               999
      TOTAL (AIRCRAFT)                    0                0               16               52               999

   VESSELS

      GASOLINE                            0                1               12              251               893
      TOTAL (VESSELS)                     0                1               12              251               893

   TOTAL (TRANSPORTATION)              7909             1501            17125            11244            100060

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     273                0               66              311              2268
   AGRICULTURAL BURNING                 498                0               71              459              3309
   STRUCTURAL FIRES                      72                0                6               58               308
   GASOLINE STA EVAP LOSS                 0                0                0             1111                 0
   SOLVENT EVAPORATION LOSS               0                0                0             3559                 0
   UNPAVED ROADS                     211230                0                0                0                 0
   UNPAVED AIRSTRIPS                      2                0                0                0                 0
   TOTAL (MISCELLANEOUS)             212075                0              143             5498              5885

GRAND TOTAL
***********

   AREA SOURCES                      221724             2857            28159            23005            115843

   POINT SOURCES                      25919           116160            69022             7324              3323

   TOTAL                             247643           116997            97181            30329            119166
```

```
*** J01 ***
                                                                                              *** J01 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:10 FLORIDA       AQCR:050 SOUTHEAST FLORIDA           AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               7             88             53              1             14
         NATURAL GAS                 10              1            358             18             72
         WOOD                       317              4             24            658           1958
         TOTAL (RESIDENTIAL)        334             93            435            677           2044

      ELEC GENERATION (POINT)

         RESIDUAL OIL              3660          48655          25253            287           1861
         NATURAL GAS                106             24          21674             54           1533
         OTHER                      548           2156              0              0              0
         TOTAL (ELEC GEN)          4314          50835          46927            341           3394

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           878           3043           1233              6             82
         NATURAL GAS
            AREA SOURCES              3              0           1227            453            162
            POINT SOURCES             0              0             24              0              6
         BAGASSE
            POINT SOURCES          2092            221           1029           1715            696
         TOTAL (INDUSTRIAL)
            AREA SOURCES              3              0           1227            453            162
            POINT SOURCES          2970           3264           2286           1721            784

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              0              5              0              0              0
         RESIDUAL OIL
            POINT SOURCES            45            602             26              1              2
         DISTILLATE OIL
            AREA SOURCES             16            251            174              2             43
         TOTAL (COMM-INST)
            AREA SOURCES             16            256            174              2             43
            POINT SOURCES            45            602             26              1              2

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            353            349           1836           1132           2249
            POINT SOURCES          7329          54701          49239           2063           4180

   INTERNAL COMBUSTION (POINT)
```

```
    SOLVENT EVAPORATION LOSS                 0            0            0        89322            0
    UNPAVED ROADS                       414362            0            0            0            0
    UNPAVED AIRSTRIPS                       10            0            0            0            0
    TOTAL (MISCELLANEOUS)               463509          300         9596       155661       299976

GRAND TOTAL
***********

    AREA SOURCES                        655158        44545       303644       418100      2375696

    POINT SOURCES                        60288       977641       292535        33580       170829

    TOTAL                               715446      1022186       596179       451680      2546525
```

```
          TOTAL (COMM-INST)
               AREA SOURCES                6           53          225            7           44
               POINT SOURCES               1            1            5            0            1

      TOTAL (EXTERNAL COMB)
               AREA SOURCES             3933         2112         2370         7752        23047
               POINT SOURCES            4476        95202        39191          898         2771

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES             3933         2112         2370         7752        23047
               POINT SOURCES            4476        95202        39191          898         2771

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               110            0            0            0            0
    FOOD/AGRICULTURAL                     10            0            0            0            0
    PRIMARY METAL                       3102         1096          411           44           67
    MINERAL PRODUCTS                    1850          625         1461          115          156
    WOOD PRODUCTS                        971          866         1234          850         8839
    ORGANIC SOLVENT EVAPORATION            0            0            0         1396            0
    PETROLEUM STORAGE/TRANSPORT            0            0            0          303            0
    OTHER/NOT CLASSIFIED                  61          197           35            3            7
    TOTAL (INDUSTRIAL)                  6104         2784         3141         2711         9069

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       OPEN BURNING                     1180           46          305         1590         5039
       TOTAL (RESIDENTIAL)              1180           46          305         1590         5039

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                 15            3            8            9           27
       OPEN BURNING
             AREA SOURCES                  3            0            1            5           13
       TOTAL (COMM-INST)
             AREA SOURCES                 18            3            9           14           40

    INDUSTRIAL

       OPEN BURNING
             AREA SOURCES                 67            1           26          110          385
       TOTAL (INDUSTRIAL)
             AREA SOURCES                 67            1           26          110          385

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES               1265           50          340         1714         5464

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES           9491          414         9053        10608       102405
          LIGHT DUTY TRUCKS             2540          160         3300         3703        30825
          HEAVY DUTY VEHICLES            675           64         2085         2206        35080
          OFF HIGHWAY                     29           12          321          854        10816
          TOTAL (GASOLINE)             12735          650        14759        17371       179126
```

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****

STATE:11 GEORGIA AQCR:058 SAVANNAH-BEAUFORT

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	6	29	1	4	34
DISTILLATE OIL	1	15	10	0	2
NATURAL GAS	7	1	266	15	54
WOOD	914	9	72	1898	5640
TOTAL (RESIDENTIAL)	928	54	349	1917	5730
ELEC GENERATION (POINT)					
BITUMINOUS COAL	319	12579	6706	22	192
RESIDUAL OIL	94	3559	574	6	43
NATURAL GAS	1	0	393	1	29
OTHER	2976	42	717	399	917
TOTAL (ELEC GEN)	3390	16180	8390	428	1181
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	102	775	128	0	17
RESIDUAL OIL					
POINT SOURCES	1469	12781	1829	22	162
DISTILLATE OIL					
POINT SOURCES	6	23	27	1	4
NATURAL GAS					
AREA SOURCES	3	1	447	91	50
POINT SOURCES	31	33	3292	18	285
WOOD					
POINT SOURCES	158	16	57	65	152
TOTAL (INDUSTRIAL)					
AREA SOURCES	105	776	575	91	67
POINT SOURCES	1664	12853	5205	106	603
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
POINT SOURCES	60	678	140	7	8
DISTILLATE OIL					
AREA SOURCES	2	43	28	0	7
NATURAL GAS					
AREA SOURCES	3	1	125	6	25
POINT SOURCES	1	1	41	2	6
TOTAL (COMM-INST)					
AREA SOURCES	5	44	153	6	32
POINT SOURCES	61	679	181	9	14

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*** J05 ***                                                              *** J05 ***
SELECT CARD = <13                                            25>
```

```
          TOTAL (DIESEL)                      1452          1098          9222          2028          4153   *** J06 ***
    AIRCRAFT

       MILITARY                                248            16           127           292           602
       CIVIL                                     5             2            35           110          2246
       COMMERCIAL                                2             4            44            39           121
       TOTAL (AIRCRAFT)                        255            22           206           441          2969
    VESSELS

       GASOLINE                                  0             7            55          1228          4359
       TOTAL (VESSELS)                           0             7            55          1228          4359

    TOTAL (TRANSPORTATION)                    6389          1464         16102         13239        124664

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         77455           683         18227         87479        637871
    FOREST MANAGED BURNING                   36265           273          7254         25930        203076
    AGRICULTURAL BURNING                       123             0            17           113           812
    STRUCTURAL FIRES                            67             0             1            48           258
    GASOLINE STA EVAP LOSS                       0             0             0          1181             0
    SOLVENT EVAPORATION LOSS                     0             0             0          3107             0
    UNPAVED ROADS                            75405             0             0             0             0
    UNPAVED AIRSTRIPS                           75             0             0             0             0
    TOTAL (MISCELLANEOUS)                   189390           956         25499        117858        842017
GRAND TOTAL
***********

    AREA SOURCES                            201239          3838         42626        141908        999587

    POINT SOURCES                             3529          2107          2321          1349         10594

    TOTAL                                   204768          5945         44947        143257       1010181
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*** J07 ***                                                                                              *** J07 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************
STATE/AQCR EMISSIONS REPORT
****************************                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:14 ILLINOIS       AQCR:066 EAST CENTRAL ILLINOIS     AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               7             32              0              4             39
         DISTILLATE OIL                8            109             71              1             18
         NATURAL GAS                  40              6           1401             73            279
         WOOD                       3689             39            292           7657          22758
         TOTAL (RESIDENTIAL)        3744            186           1764           7735          23094
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             841          25935           5250             36            165
         DISTILLATE OIL               77            223           1020             19             29
         NATURAL GAS                   0              0             77              0              6
         OTHER                         2              0              1              0              1
         TOTAL (ELEC GEN)            920          26158           6348             55            201
      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES           196           1583            340              0             45
              POINT SOURCES          753          24310           5936             64            300
         RESIDUAL OIL
              POINT SOURCES            1              7              8              0              1
         DISTILLATE OIL
              POINT SOURCES            7            475            104              1             25
         NATURAL GAS
              AREA SOURCES             6              1            679            113             76
              POINT SOURCES           11              0            180              0             11
         TOTAL (INDUSTRIAL)
              AREA SOURCES           202           1584           1019            113            121
              POINT SOURCES          772          24792           6228             65            337
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
              AREA SOURCES            11             44             13              0              0
         BITUMINOUS COAL
              AREA SOURCES            31            157             21              0             13
         DISTILLATE OIL
              AREA SOURCES             6            125             85              0             18
         NATURAL GAS
              AREA SOURCES            11              2            429             20             85
              POINT SOURCES            0              0             94              0              0
         TOTAL (COMM-INST)
```

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*** JOB ***                                                                                    *** JOB ***
SELECT CARD = <14    070                                            45>
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OFF HIGHWAY	36	19	405	1076	13606
TOTAL (GASOLINE)	10995	434	9774	13702	153081
DIESEL					
HEAVY DUTY VEHICLES	834	342	3129	453	1402
OFF HIGHWAY	250	195	2349	358	710
RAIL	109	248	1608	390	566
TOTAL (DIESEL)	1193	785	7086	1201	2678
AIRCRAFT					
MILITARY	34	2	17	39	81
CIVIL	6	3	25	76	1541
COMMERCIAL	1	2	23	20	64
TOTAL (AIRCRAFT)	41	7	65	135	1686
VESSELS					
GASOLINE	0	2	10	214	762
TOTAL (VESSELS)	0	2	10	214	762
TOTAL (TRANSPORTATION)	12229	1228	16935	15252	158207
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	120	0	11	90	489
GASOLINE STA EVAP LOSS	0	0	0	1730	0
SOLVENT EVAPORATION LOSS	0	0	0	10701	0
UNPAVED ROADS	18845	0	0	0	0
TOTAL (MISCELLANEOUS)	18965	0	11	12521	489
GRAND TOTAL ***********					
AREA SOURCES	33770	3838	19851	32587	173014
POINT SOURCES	3462	3133	1807	11827	2485
TOTAL	37232	6971	21658	44414	175499

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:15 INDIANA         AQCR:067 METROPOLITAN CHICAGO              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                             PARTICULATES        SOX           NOX           VOC            CO
                             ************   ************  ************  ************  ************
                              TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL           0              0             0             0             1
         DISTILLATE OIL           13            151            96             4            26
         NATURAL GAS              35              7          1168            62           234
         WOOD                    200              2            16           414          1231
         TOTAL (RESIDENTIAL)     248            160          1278           480          1492

      ELEC GENERATION (POINT)

         BITUMINOUS COAL        2030          61945         40406            97           787
         DISTILLATE OIL            1             49            15             0             3
         NATURAL GAS               0              0           585             2            41
         TOTAL (ELEC GEN)       2031          61994         41006            99           831

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         659           5585          1208             4           156
            POINT SOURCES        580           9355          6683            24           577
         RESIDUAL OIL
            AREA SOURCES          21            256            59             0             5
            POINT SOURCES        844           7351          1942            18           180
         DISTILLATE OIL
            AREA SOURCES           6             61            69             2            16
            POINT SOURCES        222           6433           531             5           132
         NATURAL GAS
            AREA SOURCES           9              2           414             8           104
            POINT SOURCES        103            543          5053            25           454
         PROCESS GAS
            POINT SOURCES        844          14825          9257            41          4347
         WOOD
            POINT SOURCES          1              0             0             0             0
         LIQUID PETROL GAS
            POINT SOURCES          0              0             1             0             0
         OTHER
            POINT SOURCES          7             46            30             1             6
         TOTAL (INDUSTRIAL)
            AREA SOURCES         695           5904          1750            14           281
            POINT SOURCES       2601          38553         23497           114          5696

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES           4             44            11             0             1
```

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*** J11 ***
          TOTAL (GASOLINE)                  4160          174         3955         5294        55359   *** J11 ***
       DIESEL

          HEAVY DUTY VEHICLES                705          299         2728          383         1180
          OFF HIGHWAY                         38           30          358           55          108
          RAIL                                49          111          721          175          253
          TOTAL (DIESEL)                     792          440         3807          613         1541
    AIRCRAFT

       CIVIL                                   1            0            3           10          202
       TOTAL (AIRCRAFT)                        1            0            3           10          202

    TOTAL (TRANSPORTATION)                  4953          614         7765         5917        57102

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          37            0            8           42          303
    STRUCTURAL FIRES                          38            0            3           28          153
    GASOLINE STA EVAP LOSS                     0            0            0          758            0
    SOLVENT EVAPORATION LOSS                   0            0            0         2296            0
    UNPAVED ROADS                            992            0            0            0            0
    TOTAL (MISCELLANEOUS)                   1067            0           11         3124          456
GRAND TOTAL
***********

    AREA SOURCES                            7893         2671         8879        12330        67482

    POINT SOURCES                           6745        71071        12260         2877          429

    TOTAL                                  14638        73742        21139        15207        67911
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:082 SOUTH BEND-ELKHART-BENTON HARB          AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                        POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             0              0              0              0              1
         DISTILLATE OIL             24            272            170              7             47
         NATURAL GAS                33              7           1131             59            227
         WOOD                      689              7             55           1427           4244
         TOTAL (RESIDENTIAL)       746            286           1356           1493           4519

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          1489          82077          25956             50            421
         NATURAL GAS                 0              1            600              1             43
         TOTAL (ELEC GEN)         1489          82078          26556             51            464

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES          1991          16864           3648             14            471
            POINT SOURCES           46           2046            446              2             20
         RESIDUAL OIL
            AREA SOURCES            96           1196            276              0             25
            POINT SOURCES           74           1077            163              2             14
         DISTILLATE OIL
            AREA SOURCES            24            236            266             10             63
            POINT SOURCES            1              1              1              1              1
         NATURAL GAS
            AREA SOURCES            36              7           1648             32            412
            POINT SOURCES           11              3            399              6             54
         WOOD
            POINT SOURCES            4              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES          2147          18303           5838             56            971
            POINT SOURCES          136           3127           1010             11             89

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          112           2585            409              3            118
         RESIDUAL OIL
            AREA SOURCES             4             51             12              0              0
            POINT SOURCES            1             20              4              0              0
         DISTILLATE OIL
            AREA SOURCES             7             92             66              0             16
            POINT SOURCES            0              4              1              0              0
         NATURAL GAS
```

```
*** J13 ***
                                                                                          *** J13 ***
       OPEN BURNING                      4            0            2            8           23
       OTHER INCINERATION                4            0            0            0            0
       TOTAL (GOVERNMENT)                8            0            2            8           23

   RESIDENTIAL (AREA)

       ON SITE INCINERATION           2626           24           77         7395        22173
       OPEN BURNING                   5356          205         1375         7226        22904
       TOTAL (RESIDENTIAL)            7982          229         1452        14621        45077

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES           1060          330          505          617         1448
               POINT SOURCES            87           14           57           76          235
       TOTAL (COMM-INST)
               AREA SOURCES           1060          330          505          617         1448
               POINT SOURCES            87           14           57           76          235

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES            250           37           37          237          376
               POINT SOURCES            67           10           36           39           97
       TOTAL (INDUSTRIAL)
               AREA SOURCES            250           37           37          237          376
               POINT SOURCES            67           10           36           39           97

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES           9292          596         1994        15475        46901
               POINT SOURCES           162           24           95          123          355
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         40549         1826        41332        48400       480689
         LIGHT DUTY TRUCKS           14091          899        19014        21459       186085
         HEAVY DUTY VEHICLES          4112          399        13500        13917       221342
         OFF HIGHWAY                   190          100         2073         5507        69628
         TOTAL (GASOLINE)            58942         3224        75919        89283       957744
      DIESEL

         HEAVY DUTY VEHICLES         11324         5285        47836         6078        18558
         OFF HIGHWAY                  2760         2161        26028         3963         7864
         RAIL                          535         1205         7823         1902         2745
         TOTAL (DIESEL)              14619         8651        81687        11943        29167
   AIRCRAFT

      MILITARY                         100            6           50          116          240
      CIVIL                             19            8          158          491         9959
      COMMERCIAL                        24           54          560          496         1543
      TOTAL (AIRCRAFT)                 143           68          768         1103        11742
   VESSELS

      DIESEL FUEL                        9           12           88           23           31
      GASOLINE                           0           47          289         6467        23061
      TOTAL (VESSELS)                    9           59          377         6490        23092
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                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                             RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA          AQCR:085 METROPOLITAN OMAHA-COUNCIL BLU    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           0              0              0              5
         DISTILLATE OIL            1             10              6              3              0
         NATURAL GAS               4              1            148             16              2
         WOOD                     38              0              3              2             30
         TOTAL (RESIDENTIAL)      43             11            157             26            235
                                                                                               267
      ELEC GENERATION (POINT)

         BITUMINOUS COAL         530          18890          29932
         DISTILLATE OIL            0             19             11            168            897
         NATURAL GAS               0              0              6              0              2
         TOTAL (ELEC GEN)        530          18909          29949              0              1
                                                                            168            900
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           0              0              0              5              0
         DISTILLATE OIL
            POINT SOURCES          0              3              1              0              0
         NATURAL GAS
            AREA SOURCES           0              0            125             50             17
            POINT SOURCES          2              0             86              2             21
         LIQUID PETROL GAS
            POINT SOURCES          0              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES           0              0            125             55             17
            POINT SOURCES          2              3             88              2             21
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES           4             12              4              0              0
         BITUMINOUS COAL
            AREA SOURCES          17             74             12              0              7
         RESIDUAL OIL
            AREA SOURCES           0              2              1              0              0
         DISTILLATE OIL
            AREA SOURCES           1             13              9              0              2
         NATURAL GAS
            AREA SOURCES           2              0             51             10             10
            POINT SOURCES          0              0              1              0              0
         TOTAL (COMM-INST)
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*** J15 ***
                                                                                                   *** J15 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA           AQCR:089 NORTH CENTRAL IOWA           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES       SOX           NOX           VOC           CO
                             ************  ************  ************  ************  ************
                              TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              7            34             0             5            48
         DISTILLATE OIL              16           194           120             2            36
         NATURAL GAS                 19             2           519            29           104
         WOOD                       257             2            20           533          1584
         TOTAL (RESIDENTIAL)        299           232           659           569          1770
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            273           357            61             0            12
         DISTILLATE OIL               2             7             5             0             1
         NATURAL GAS                  0             0             1             0             0
         TOTAL (ELEC GEN)           275           364            67             0            13
      INDUSTRIAL FUEL

         RESIDUAL OIL
             POINT SOURCES           79           176            63             0             6
         DISTILLATE OIL
             POINT SOURCES            2            25            17             0             3
         NATURAL GAS
             AREA SOURCES             0             0           856           340           117
             POINT SOURCES           15             2          1396            17           166
         LIQUID PETROL GAS
             POINT SOURCES            0             0            21             0             5
         TOTAL (INDUSTRIAL)
             AREA SOURCES             0             0           856           340           117
             POINT SOURCES           96           203          1497            17           180
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES            17            56            21             0             0
         BITUMINOUS COAL
             AREA SOURCES            78           326            56             2            33
         RESIDUAL OIL
             AREA SOURCES             0            10             2             0             0
         DISTILLATE OIL
             AREA SOURCES             2            61            42             0             9
         NATURAL GAS
             AREA SOURCES             3             0           221            10            44
             POINT SOURCES            0             0            46             0             5
         LIQUID PETROL GAS
```

POINT SOURCES	27753	48784	10858	12193	5711
TOTAL	241381	53582	54419	57072	275681

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                                   NATIONAL EMISSIONS DATA SYSTEM
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                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                         RUN DATE:      MONDAY   NOVEMBER 28, 1983
STATE:17 KANSAS         AQCR:095 NORTHEAST KANSAS       AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
                                                       POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                        PARTICULATES        SOX            NOX            VOC             CO
                        ************   ************   ************   ************   ************
                         TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            1              9              0              1             11
         DISTILLATE OIL             0              5              2              0              0
         NATURAL GAS               21              3            664             36            133
         WOOD                     781              9             62           1617           4806
         TOTAL (RESIDENTIAL)      803             26            728           1654           4950

      ELEC GENERATION (POINT)

         BITUMINOUS COAL        29932          16187          65495            264           1963
         RESIDUAL OIL               5             17             98              1              6
         NATURAL GAS                3              0            535              0             23
         TOTAL (ELEC GEN)       29940          16204          66128            265           1992

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES          156           1136            282              0             37
         RESIDUAL OIL
            AREA SOURCES           28            359             82              0              6
            POINT SOURCES          40             18            276              0              9
         DISTILLATE OIL
            AREA SOURCES            6             77             86              2             19
            POINT SOURCES           0              2              6              0              0
         NATURAL GAS
            AREA SOURCES           27              3           9393           3372           1235
            POINT SOURCES          12              0           2364              7             74
         LIQUID PETROL GAS
            POINT SOURCES           0              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES          217           1575           9843           3374           1297
            POINT SOURCES          52             20           2647              7             83

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            1              5              1              0              0
         DISTILLATE OIL
            AREA SOURCES            2             39             26              0              5
            POINT SOURCES           0              0              2              0              0
         NATURAL GAS
            AREA SOURCES           10              1            414             21             84
         TOTAL (COMM-INST)
            AREA SOURCES           13             45            441             21             89
```

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*** J18 ***
                                                                                          *** J18 ***
SELECT CARD = <17    D99
                                                      45>
```

```
*** K01 ***
        ELECTRIC GENERATION                                                                                  *** K01 ***

            DISTILLATE OIL               34            174            582            40            107
            NATURAL GAS                  22              2           3123            83            548
            TOTAL (ELEC GEN)             56            176           3705           123            655

        INDUSTRIAL FUEL

            DISTILLATE OIL              261              0           3532           249           1746
            NATURAL GAS                  27              1            582            13            308
            TOTAL (INDUSTRIAL)          288              1           4114           262           2054

        ENGINE-TESTING

            TOTAL (ENG TESTNG)           67             73             82           260            306

        TOTAL (INTERNAL COMB)           411            250           7901           645           3015

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           353            349           1836          1132           2249
                 POINT SOURCES         7740          54951          57140          2708           7195

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    10             93              0             0              0
    PRIMARY METAL                        54              0              0             0            945
    SECONDARY METALS                      5             19              1             0           1015
    MINERAL PRODUCTS                   3060           9421           2566            72            135
    ORGANIC SOLVENT EVAPORATION           0              0              0          1529              0
    PETROLEUM STORAGE/TRANSPORT         125              0              0          2039              0
    OTHER/NOT CLASSIFIED                102           6331              0             0              0
    TOTAL (INDUSTRIAL)                 3356          15864           2567          3640           2095

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          613             83             99            50           1158
        OTHER INCINERATION              274           1078              0             0              0
        TOTAL (GOVERNMENT)              887           1161             99            50           1158

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             51              1              1           146            439
        TOTAL (RESIDENTIAL)              51              1              1           146            439

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              8              2              4             4             10
                POINT SOURCES             0              3              0             0              1
        TOTAL (COMM-INST)
                AREA SOURCES              8              2              4             4             10
                POINT SOURCES             0              3              0             0              1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             14              3              3            13             21
        TOTAL (INDUSTRIAL)
                AREA SOURCES             14              3              3            13             21

    TOTAL (SOLID WASTE DISP)
```

```
*** K02 ***
                                                                                                    *** K02 ***
SELECT CARD = <11     002                                                           45>
STATE 11 COUNTY 1000 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2620 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4260 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4520 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4780 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4860 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5480 NOT FOUND IN POINT FILE
```

DIESEL					
HEAVY DUTY VEHICLES	2027	971	8753	1083	3304
OFF HIGHWAY	125	95	1157	178	347
RAIL	105	236	1522	370	533
TOTAL (DIESEL)	2257	1302	11432	1631	4184
AIRCRAFT					
MILITARY	205	13	105	241	499
CIVIL	2	1	14	51	1067
COMMERCIAL	2	4	40	35	109
TOTAL (AIRCRAFT)	209	18	159	327	1675
VESSELS					
GASOLINE	0	3	31	608	2174
TOTAL (VESSELS)	0	3	31	608	2174
TOTAL (TRANSPORTATION)	15201	1973	26381	19937	187159
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1162	4	272	1315	9569
FOREST MANAGED BURNING	5532	40	1106	3956	30976
AGRICULTURAL BURNING	1310.	0	187	1208	8711
STRUCTURAL FIRES	148	0	9	107	590
GASOLINE STA EVAP LOSS	0	0	0	2992	0
SOLVENT EVAPORATION LOSS	0	0	0	7414	0
UNPAVED ROADS	70477	0	0	0	0
UNPAVED AIRSTRIPS	8	0	0	0	0
TOTAL (MISCELLANEOUS)	78637	44	1574	16992	49846
GRAND TOTAL ***********					
AREA SOURCES	99036	4179	30665	46395	265516
POINT SOURCES	10580	97986	42332	3609	11840
TOTAL	109616	102165	72997	50004	277356

```
*** K04 ***
        TOTAL (EXTERNAL COMB)                                                                                          *** K04 ***
                AREA SOURCES               1038          874          1077          2014          5829
                POINT SOURCES              5115        29712         13776           543          1798
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1038          874          1077          2014          5829
                POINT SOURCES              5115        29712         13776           543          1798
 INDUSTRIAL PROCESS (POINT)
 **************************

    CHEMICAL MANUFACTURING                  489         2715           566            28             3
    FOOD/AGRICULTURAL                       140            0             0             0             0
    PRIMARY METAL                            20            2             6             2             2
    SECONDARY METALS                        259           44             1             0            62
    MINERAL PRODUCTS                        550           66            92            90           426
    PETROLEUM INDUSTRY                       31          692           110           131             1
    WOOD PRODUCTS                          1324         2991          1044            47         33848
    ORGANIC SOLVENT EVAPORATION               0            0             0           150             0
    PETROLEUM STORAGE/TRANSPORT               0            0             0           319             0
    OTHER/NOT CLASSIFIED                     30          107            79             8             9
    TOTAL (INDUSTRIAL)                     2843         6617          1898           775         34351
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                        335           14            86           452          1434
        TOTAL (RESIDENTIAL)                 335           14            86           452          1434

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  4            1             2             3             8
        OPEN BURNING
                AREA SOURCES                  2            0             1             3             9
        TOTAL (COMM-INST)
                AREA SOURCES                  6            1             3             6            17

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 8            2             4             2             0
        OPEN BURNING
                AREA SOURCES                 29            1            11            50           175
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 29            1            11            50           175
                POINT SOURCES                 8            2             4             2             0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                370           16           100           508          1626
                POINT SOURCES                 8            2             4             2             0
TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            6462          241          5123          6474         65378
            LIGHT DUTY TRUCKS              1474           83          1675          1964         16935
            HEAVY DUTY VEHICLES             397           33          1041          1262         19898
            OFF HIGHWAY                      16            7           173           458          5793
```

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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE EMISSIONS REPORT
***************************                                           RUN DATE:    MONDAY    NOVEMBER 28, 1983
STATE 13:IDAHO                                             AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                          PARTICULATES         SOX              NOX              VOC               CO
                          ************     ************     ************     ************     ************
                           TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           424             1568               81              281             2531
         DISTILLATE OIL             18              640              159                2               42
         NATURAL GAS                 9                1              411               17               82
         WOOD                     7584               74              601            15735            46782
         TOTAL (RESIDENTIAL)      8035             2283             1252            16035            49437

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            43              278               74                0                9
            POINT SOURCES          316             3752             2931               11               92
         RESIDUAL OIL
            POINT SOURCES           36              585              168                1               15
         DISTILLATE OIL
            AREA SOURCES            35              846              386               11               90
            POINT SOURCES            3               16                7                0                1
         NATURAL GAS
            AREA SOURCES             0                0               87               26               10
            POINT SOURCES           12                3             1630                9              169
         WOOD
            POINT SOURCES         2169              137             1476             1425             3294
         TOTAL (INDUSTRIAL)
            AREA SOURCES            78             1124              547               37              109
            POINT SOURCES         2536             4493             6212             1446             3571

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           202              848              155                4               96
            POINT SOURCES           35              208              107                1               39
         RESIDUAL OIL
            POINT SOURCES           36              545              156                3               14
         DISTILLATE OIL
            AREA SOURCES             2              175               44                0               10
            POINT SOURCES            3               12                5                0                1
         NATURAL GAS
            AREA SOURCES             6                0              280               12               52
         WOOD
            POINT SOURCES           53                1                5               13               30
         TOTAL (COMM-INST)
            AREA SOURCES           210             1023              479               16              158
            POINT SOURCES          127              766              273               17               84
```

```
*** K06 ***                                                              *** K06 ***
SELECT CARD = <13    064                                    45>
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```
*** K07 ***                                                                                                   *** K07 ***
                 AREA SOURCES              59            328            548             20            116
                 POINT SOURCES              0              0             94              0              0

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES            4005           2098           3331           7868          23331
                 POINT SOURCES           1692          50950          12670            120            538

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                  1              0             25              0              2
            TOTAL (ELEC GEN)                1              0             25              0              2

         INDUSTRIAL FUEL

            NATURAL GAS                     1              0            563              7             39
            TOTAL (INDUSTRIAL)              1              0            563              7             39

         TOTAL (INTERNAL COMB)              2              0            588              7             41

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES             4005           2098           3331           7868          23331
                POINT SOURCES            1694          50950          13258            127            579

   INDUSTRIAL PROCESS (POINT)
   **************************

      CHEMICAL MANUFACTURING              202             74            243            116             23
      FOOD/AGRICULTURAL                  8929              0              0            744              0
      SECONDARY METALS                   1185              0              0             66           2394
      MINERAL PRODUCTS                   2953             61             41             67             62
      WOOD PRODUCTS                        19              0              0              0              0
      ORGANIC SOLVENT EVAPORATION           1              0              0          11038              0
      PETROLEUM STORAGE/TRANSPORT           0              0              0           6193              0
      METAL FABRICATION                     3              0              0             72              0
      OTHER/NOT CLASSIFIED                  0              0             33              0              0
      TOTAL (INDUSTRIAL)                13292            135            317          18296           2479

   SOLID WASTE DISPOSAL
   ********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION             827             10             27           2327           6978
         OPEN BURNING                    1228             47            312           1653           5238
         TOTAL (RESIDENTIAL)             2055             57            339           3980          12216

      TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            2055             57            339           3980          12216

   TRANSPORTATION (AREA)
   *********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES         12987            507          10989          13548         140518
            LIGHT DUTY TRUCKS            3858            216           4502           5641          48767
            HEAVY DUTY VEHICLES          1086             92           3010           3574          56264
            OFF HIGHWAY                    85             46            947           2514          31813
            TOTAL (GASOLINE)            18016            861          19448          25077         277362

         DIESEL
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:14 ILLINOIS AQCR:070 METROPOLITAN ST. LOUIS

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	0	0	0	0	1
BITUMINOUS COAL	22	108	4	15	136
DISTILLATE OIL	9	112	70	2	20
NATURAL GAS	35	6	1131	60	226
WOOD	2937	31	233	6099	18126
TOTAL (RESIDENTIAL)	3003	257	1438	6176	18509
ELEC GENERATION (POINT)					
BITUMINOUS COAL	4744	285744	138392	327	1964
DISTILLATE OIL	38	772	525	19	97
NATURAL GAS	0	0	161	1	10
TOTAL (ELEC GEN)	4782	286516	139078	347	2071
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	150	1207	261	1	33
POINT SOURCES	657	2715	938	28	280
RESIDUAL OIL					
POINT SOURCES	630	8060	2797	90	106
DISTILLATE OIL					
POINT SOURCES	10	84	73	1	11
NATURAL GAS					
AREA SOURCES	8	2	725	123	80
POINT SOURCES	60	867	4568	14	248
WOOD					
POINT SOURCES	0	0	0	0	6
TOTAL (INDUSTRIAL)					
AREA SOURCES	158	1209	986	124	113
POINT SOURCES	1357	11726	8376	133	651
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	8	31	10	0	0
BITUMINOUS COAL					
AREA SOURCES	20	115	16	0	8
POINT SOURCES	47	773	87	5	11
RESIDUAL OIL					
POINT SOURCES	9	109	46	1	4
DISTILLATE OIL					

```
*** K09 ***
SELECT CARD = <14    074                                              45>
                                                                                    *** K09 ***
```

POINT SOURCES	1	7	2	0	0
DISTILLATE OIL					
AREA SOURCES	6	78	54	1	13
NATURAL GAS					
AREA SOURCES	11	2	370	20	74
POINT SOURCES	0	0	20	0	5
TOTAL (COMM-INST)					
AREA SOURCES	21	124	435	21	88
POINT SOURCES	1	7	22	0	5
TOTAL (EXTERNAL COMB)					
AREA SOURCES	964	6188	3463	515	1861
POINT SOURCES	4633	100554	64525	213	6532
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	3	0	1064	26	135
TOTAL (INDUSTRIAL)	3	0	1064	26	135
TOTAL (INTERNAL COMB)	3	0	1064	26	135
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	964	6188	3463	515	1861
POINT SOURCES	4636	100554	65589	239	6667
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	93	6795	0	153	0
FOOD/AGRICULTURAL	951	0	0	0	0
PRIMARY METAL	16051	26933	2384	13080	147435
SECONDARY METALS	245	1048	45	36	6
MINERAL PRODUCTS	7249	1629	2653	66	1578
PETROLEUM INDUSTRY	1369	11234	3946	752	3736
WOOD PRODUCTS	26	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	1979	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	4750	0
METAL FABRICATION	6	0	0	0	0
OTHER/NOT CLASSIFIED	8	69	15	0	2
TOTAL (INDUSTRIAL)	25998	47708	9043	20816	152757
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	25	24	20	146	197
TOTAL (GOVERNMENT)	25	24	20	146	197
RESIDENTIAL (AREA)					
ON SITE INCINERATION	479	7	15	1347	4043
OPEN BURNING	990	37	253	1336	4237
TOTAL (RESIDENTIAL)	1469	44	268	2683	8280
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	117	37	56	68	161
POINT SOURCES	0	1	1	0	0
OPEN BURNING					
AREA SOURCES	3	0	1	7	17
TOTAL (COMM-INST)					

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SELECT CARD = <15    079                                                                        45>
STATE 15 COUNTY 3180 NOT FOUND IN POINT FILE
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                 AREA SOURCES            13             2            408            21            81
                POINT SOURCES             0             0             20             0             2
          TOTAL (COMM-INST)
                 AREA SOURCES            26           145            486            21            97
                POINT SOURCES           113          2609            434             3           120

      TOTAL (EXTERNAL COMB)
                 AREA SOURCES          2917         18734           7680          1570          5587
                POINT SOURCES          1738         87814          28000            65           673
  TOTAL (FUEL COMBUSTION)

                 AREA SOURCES          2917         18734           7680          1570          5587
                POINT SOURCES          1738         87814          28000            65           673
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                58             0              0           169             0
   FOOD/AGRICULTURAL                    482             0              0             0             0
   SECONDARY METALS                     250            58             13            45          8005
   MINERAL PRODUCTS                     123            40             20            51            21
   WOOD PRODUCTS                          3             1              1            10             1
   ORGANIC SOLVENT EVAPORATION           30             0              0          9049             0
   PETROLEUM STORAGE/TRANSPORT            0             0              0            66             0
   METAL FABRICATION                      7             0              0             0             0
   TEXTILE MANUFACTURING                  1             0              0             0             0
   TOTAL (INDUSTRIAL)                   954            99             34          9390          8027
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              423             6             14          1192          3576
      OPEN BURNING                      878            32            225          1183          3753
      TOTAL (RESIDENTIAL)              1301            38            239          2375          7329
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                 AREA SOURCES           104            32             49            60           141
      OPEN BURNING
                 AREA SOURCES             4             0              1             7            17
      TOTAL (COMM-INST)
                 AREA SOURCES           108            32             50            67           158
   INDUSTRIAL

      ON SITE INCINERATION
                 AREA SOURCES            31             5              5            29            43
      OPEN BURNING
                 AREA SOURCES            23             0              8            40           140
      TOTAL (INDUSTRIAL)
                 AREA SOURCES            54             5             13            69           183
   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES          1463            75            302          2511          7670
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE
```

```
*** K13 ***
    TOTAL (TRANSPORTATION)              75713       12002      158751      108819     1021745   *** K13 ***

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      330           0          81         370        2764
    STRUCTURAL FIRES                      807           0          66         603        3266
    GASOLINE STA EVAP LOSS                  0           0           0       12704           0
    SOLVENT EVAPORATION LOSS                0           0           0       39809           0
    UNPAVED ROADS                      982179           0           0           0           0
    UNPAVED AIRSTRIPS                      21           0           0           0           0
    TOTAL (MISCELLANEOUS)              983337           0         147       53486        6030

GRAND TOTAL
***********

    AREA SOURCES                      1071018       19082      177248      187887     1098268

    POINT SOURCES                      163341      294795      165089       19695       57200

    TOTAL                             1234359      313877      342337      207582     1155468
```

```
*** K16 ***
                AREA SOURCES               24          101           77           10           19    *** K16 ***
                POINT SOURCES               0            0            1            0            0

       TOTAL (EXTERNAL COMB)
                AREA SOURCES               67          112          359           91          303
                POINT SOURCES             532        18912        30038          170          921
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               67          112          359           91          303
                POINT SOURCES             532        18912        30038          170          921
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                     798            0            0            0            0
    SECONDARY METALS                       18            0            0            0        10027
    MINERAL PRODUCTS                       11            2            1            2            1
    TOTAL (INDUSTRIAL)                    827            2            1            2        10028
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               81            1            3          227          682
        OPEN BURNING                      173            6           44          233          741
        TOTAL (RESIDENTIAL)               254            7           47          460         1423
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               32           10           15           18           43
                POINT SOURCES              75            8           19           75          225
        TOTAL (COMM-INST)
                AREA SOURCES               32           10           15           18           43
                POINT SOURCES              75            8           19           75          225
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                8            2            2            7           11
                POINT SOURCES               1            0            1            1            2
        TOTAL (INDUSTRIAL)
                AREA SOURCES                8            2            2            7           11
                POINT SOURCES               1            0            1            1            2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              294           19           64          485         1477
                POINT SOURCES              76            8           20           76          227
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES           1671           72         1635         1978        19840
           LIGHT DUTY TRUCKS              552           32          680          813         7229
           HEAVY DUTY VEHICLES             80            7          237          265         4192
           OFF HIGHWAY                      4            2           46          121         1531
           TOTAL (GASOLINE)              2307          113         2598         3177        32792

       DIESEL
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*** K15 ***
               POINT SOURCES             0           0           1           0           0     *** K15 ***
          TOTAL (COMM-INST)
               AREA SOURCES            100         653         342          12          86
               POINT SOURCES             0           0          47           0           5
        TOTAL (EXTERNAL COMB)
               AREA SOURCES            399         685        1855         921        1973
               POINT SOURCES           371         567        1611          17         198
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL               0           4           6           0           1
            NATURAL GAS                  1           0          31           1           9
            OTHER                        0           0           3           0           0
            TOTAL (ELEC GEN)             1           4          40           1          10
        INDUSTRIAL FUEL

            DISTILLATE OIL               2           1          23           2           5
            NATURAL GAS                  0           0          78           2          10
            TOTAL (INDUSTRIAL)           2           1         101           4          15
        TOTAL (INTERNAL COMB)            3           5         141           5          25
    TOTAL (FUEL COMBUSTION)

               AREA SOURCES            399         685        1855         921        1973
               POINT SOURCES           374         572        1752          22         223
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              49           2         635        1036        1745
    FOOD/AGRICULTURAL                15221           0           0           0           1
    SECONDARY METALS                   161          32           4           0        5169
    MINERAL PRODUCTS                 12976        7433        1585          33          16
    ORGANIC SOLVENT EVAPORATION          0           0           0         103           0
    METAL FABRICATION                    1           0           0           0           0
    OTHER/NOT CLASSIFIED                 8           0           0           0           0
    TOTAL (INDUSTRIAL)               28416        7467        2224        1172        6931
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           280           2           7         796        2381
        OPEN BURNING                   548          20         140         739        2337
        TOTAL (RESIDENTIAL)            828          22         147        1535        4718
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES            108          32          51          63         143
               POINT SOURCES             5           6          38           0           0
        TOTAL (COMM-INST)
               AREA SOURCES            108          32          51          63         143
               POINT SOURCES             5           6          38           0           0
    INDUSTRIAL

        ON SITE INCINERATION
               AREA SOURCES             25           2           2          23          60
               POINT SOURCES             3           1           1           2           5
```

```
SELECT CARD = <16     093                                                                   65>
STATE 16 COUNTY 0020 NOT FOUND IN POINT FILE
STATE 16 COUNTY 0040 NOT FOUND IN POINT FILE
STATE 16 COUNTY 3200 NOT FOUND IN POINT FILE
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*** K17 ***
                POINT SOURCES               0          0          2          0          0    *** K17 ***
          TOTAL (EXTERNAL COMB)
                AREA SOURCES             1033       1666      11012       5049       6336
                POINT SOURCES           29992      16224      68777        272       2075
     INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL                5          6        144        111
              NATURAL GAS                   8          0       1757        402         30
              TOTAL (ELEC GEN)             13          6       1901        513        246
                                                                                      276
          INDUSTRIAL FUEL

              DISTILLATE OIL                0          0         27         25
              NATURAL GAS                   0          0       3746        260          5
              TOTAL (INDUSTRIAL)            0          0       3773        285        472
                                                                                      477
          TOTAL (INTERNAL COMB)            13          6       5674        798        753

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES             1033       1666      11012       5049       6336
                POINT SOURCES           30005      16230      74451       1070       2828
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING               263       1568       2796         16       2766
     FOOD/AGRICULTURAL                   5726          0          0          0          0
     SECONDARY METALS                      10          0          6          0          0
     MINERAL PRODUCTS                     529          0          0          0          0
     WOOD PRODUCTS                          1          0          0          0          0
     ORGANIC SOLVENT EVAPORATION            0          0          0        316          0
     PETROLEUM STORAGE/TRANSPORT            0          0          0        568          0
     METAL FABRICATION                      1          0          0          0          0
     TOTAL (INDUSTRIAL)                  6508       1568       2798        900       2766
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               56          1          2        153        459
        OPEN BURNING                      656         26        167        879       2788
        TOTAL (RESIDENTIAL)               708         27        169       1032       3267
    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                9          0          1         17         37
        TOTAL (COMM-INST)
                AREA SOURCES                9          0          1         17         37
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                6          1          1          6          8
        OPEN BURNING
                AREA SOURCES               10          0          5         16         55
        TOTAL (INDUSTRIAL)
                AREA SOURCES               16          1          6         22         63
    TOTAL (SOLID WASTE DISP)
```

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*** K18 ***
                                                                                                         *** K18 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:17 KANSAS          AQCR:099 SOUTH CENTRAL KANSAS              AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES        SOX             NOX             VOC             CO
                            ************    ************    ************    ************    ************
                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             0               1               0               0               1
         DISTILLATE OIL              0               1               0               0               0
         NATURAL GAS                28               5            1013              89             203
         WOOD                      452               3              36             939            2792
         TOTAL (RESIDENTIAL)       480              10            1049            1028            2996
      ELEC GENERATION (POINT)

         RESIDUAL OIL              301            2396            1878              13              70
         DISTILLATE OIL              1               0               9               0               1
         NATURAL GAS               134              20           24035              49            1192
         TOTAL (ELEC GEN)          436            2416           25922              62            1263
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           463            3389             843              17             108
         RESIDUAL OIL
            AREA SOURCES            69             852             198               1              18
            POINT SOURCES           95             226             243               2              14
         DISTILLATE OIL
            AREA SOURCES            26             266             300              19              70
            POINT SOURCES           23             119              32               2               6
         NATURAL GAS
            AREA SOURCES            94              19           32720           11747            4301
            POINT SOURCES           48               1            2193              20             153
         TOTAL (INDUSTRIAL)
            AREA SOURCES           652            4526           34061           11784            4497
            POINT SOURCES          166             346            2468              24             173
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             2              11               2               0               1
         RESIDUAL OIL
            AREA SOURCES             0               0               0               1               0
         DISTILLATE OIL
            AREA SOURCES             4              71              49               8              11
            POINT SOURCES            1               1               3               0               1
         NATURAL GAS
            AREA SOURCES            21               3             746              51             148
            POINT SOURCES            1               0              18               1               2
         TOTAL (COMM-INST)
```

```
*** L01 ***
             AREA SOURCES                     73           6           8         163         470   *** L01 ***
             POINT SOURCES                   887        1164          99          50        1159
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES              95599        2904       55164       73225      770451
          LIGHT DUTY TRUCKS                12820         540        9599       12262      113421
          HEAVY DUTY VEHICLES               3871         267        7753       11408      179182
          OFF HIGHWAY                        167          89        1851        4927       62289
          TOTAL (GASOLINE)                112457        3800       74367      101822     1125343

       DIESEL

          HEAVY DUTY VEHICLES               6494        2493       22987        3552       11046
          OFF HIGHWAY                        324         253        3059         467         925
          RAIL                               328         746        4838        1175        1700
          TOTAL (DIESEL)                    7146        3492       30884        5194       13671

    AIRCRAFT

       MILITARY                              668          43         343         787        1624
       CIVIL                                  46          25         195         604       12116
       COMMERCIAL                            105         243        2521        2236        6944
       TOTAL (AIRCRAFT)                      819         311        3059        3627       20684

    VESSELS

       DIESEL FUEL                           443         552        4122        1029        1444
       RESIDUAL OIL                          325        4282         703          41          23
       GASOLINE                                0          46         262        5779       20601
       TOTAL (VESSELS)                       768        4880        5087        6849       22068

    TOTAL (TRANSPORTATION)                121190       12483      113397      117492     1181766

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         473           4         111         537        3903
    FOREST MANAGED BURNING                  7181          55        1437        5135       40211
    AGRICULTURAL BURNING                    6835           0         970        6303       45425
    STRUCTURAL FIRES                         691           0          64         517        2812
    GASOLINE STA EVAP LOSS                     0           0           0       15632           0
    SOLVENT EVAPORATION LOSS                   0           0           0       51857           0
    UNPAVED ROADS                          87789           0           0           0           0
    UNPAVED AIRSTRIPS                         10           0           0           0           0
    TOTAL (MISCELLANEOUS)                 102979          59        2582       79981       92351

GRAND TOTAL
***********

    AREA SOURCES                          224595       12897      117823      198768     1276836

    POINT SOURCES                          11983       71979       59806        6398       10449

    TOTAL                                 236578       84876      177629      205166     1287285
```

```
*** L02 ***
                                                                                                              *** L02 ***
                                           NATIONAL EMISSIONS DATA SYSTEM
                                          *********************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          **********************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:11 GEORGIA        AQCR:002 COLUMBUS-PHENIX CITY                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                               PARTICULATES       SOX            NOX            VOC            CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               54            181             11             36            320
         NATURAL GAS                    7              1            275             13             54
         WOOD                        1263             12             99           2619           7786
         TOTAL (RESIDENTIAL)         1324            194            385           2668           8160

      ELEC GENERATION (POINT)

         OTHER                         41             15            100             21             21
         TOTAL (ELEC GEN)              41             15            100             21             21

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               81            625            108              0             13
            POINT SOURCES              12             22              6              0              2
         RESIDUAL OIL
            POINT SOURCES               0              3              1              0              0
         DISTILLATE OIL
            POINT SOURCES              22              2              1              0              0
         NATURAL GAS
            AREA SOURCES                3              1            461             95             53
            POINT SOURCES               2              0             23              0              6
         WOOD
            POINT SOURCES              25              6             39              8              8
         TOTAL (INDUSTRIAL)
            AREA SOURCES               84            626            569             95             66
            POINT SOURCES              61             33             70              8             16

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES               0              1              2              0              0
         DISTILLATE OIL
            AREA SOURCES                2             31             20              0              5
            POINT SOURCES               3             22             30              1              8
         NATURAL GAS
            AREA SOURCES                2              0            102              5             20
            POINT SOURCES               4              1            159              7             34
         LIQUID PETROL GAS
            POINT SOURCES               1              9             36              2              7
         TOTAL (COMM-INST)
            AREA SOURCES                4             31            122              5             25
            POINT SOURCES               8             33            227             10             49
```

```
*** L03 ***                                                                                                                          *** L03 ***

SELECT CARD = <11    055                                                                          45>
STATE 11 COUNTY 0900 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2080 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2320 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2600 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4020 NOT FOUND IN POINT FILE
```

```
*** L04 ***
          TOTAL (GASOLINE)                 8349          364          8012         10158        108004    *** L04 ***
       DIESEL

          HEAVY DUTY VEHICLES              1585          659          6043           860          2657
          OFF HIGHWAY                        50           40           476            73           144
          RAIL                               62          139           904           219           318
          TOTAL (DIESEL)                   1697          838          7423          1152          3119
    AIRCRAFT

       MILITARY                             154           10            79           181           373
       CIVIL                                  3            1            10            35           710
       COMMERCIAL                             3            7            77            68           212
       TOTAL (AIRCRAFT)                     160           18           166           284          1295
    VESSELS

       DIESEL FUEL                          306          384          2861           716          1002
       RESIDUAL OIL                         107         1412           232            14             8
       GASOLINE                               0           11            66          1456          5184
       TOTAL (VESSELS)                      413         1807          3159          2186          6194

    TOTAL (TRANSPORTATION)                10619         3027         18760         13780        118612
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        754            6           177           851          6210
    FOREST MANAGED BURNING                 3737           28           747          2673         20922
    AGRICULTURAL BURNING                    518            0            72           478          3445
    STRUCTURAL FIRES                         83            0             6            62           335
    GASOLINE STA EVAP LOSS                    0            0             0          1594             0
    SOLVENT EVAPORATION LOSS                  0            0             0          4720             0
    UNPAVED ROADS                         28367            0             0             0             0
    TOTAL (MISCELLANEOUS)                 33459           34          1002         10378         30912
GRAND TOTAL
***********

    AREA SOURCES                          45486         3951         20939         26680        156979

    POINT SOURCES                          7966        36331         15678          1320         36149

    TOTAL                                 53452        40282         36617         28000        193128
```

```
*** L05 ***
       TOTAL (EXTERNAL COMB)                                                                                *** L05 ***
              AREA SOURCES              8323          4430          2278         16088         49704
              POINT SOURCES             2663          5259          6485          1463          3655
    TOTAL (FUEL COMBUSTION)

              AREA SOURCES              8323          4430          2278         16088         49704
              POINT SOURCES             2663          5259          6485          1463          3655
 INDUSTRIAL PROCESS (POINT)
 ***************************

    CHEMICAL MANUFACTURING              2554          8817           336             0             0
    FOOD/AGRICULTURAL                   3464           304           272             5            16
    PRIMARY METAL                       1689         19063             0             0             0
    SECONDARY METALS                       7             0             0             0             0
    MINERAL PRODUCTS                   20039          1211           327            80            39
    PETROLEUM INDUSTRY                     2             0             0             0             0
    WOOD PRODUCTS                       1967           244           411             1          8417
    ORGANIC SOLVENT EVAPORATION            0             0             0            20             0
    PETROLEUM STORAGE/TRANSPORT            0             0             0           538             0
    METAL FABRICATION                      3             0             0             0             0
    OTHER/NOT CLASSIFIED                  27           609             0             0             0
    TOTAL (INDUSTRIAL)                 29752         30248          1346           644          8472
 SOLID WASTE DISPOSAL
 ********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION             18            14            17             8           197
       TOTAL (GOVERNMENT)                 18            14            17             8           197
    RESIDENTIAL (AREA)

       ON SITE INCINERATION              829            10            22          2338          7022
       OPEN BURNING                     1496            58           381          2019          6404
       TOTAL (RESIDENTIAL)              2325            68           403          4357         13426
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                  4             0             3             3             7
       TOTAL (COMM-INST)
             AREA SOURCES                  4             0             3             3             7
    INDUSTRIAL

       ON SITE INCINERATION
             POINT SOURCES               669            11           111          1203         14219
       TOTAL (INDUSTRIAL)
             POINT SOURCES               669            11           111          1203         14219
    TOTAL (SOLID WASTE DISP)
             AREA SOURCES               2329            68           406          4360         13433
             POINT SOURCES               687            25           128          1211         14416
 TRANSPORTATION (AREA)
 *********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES          10570           477          9785         14777        160796
          LIGHT DUTY TRUCKS             6382           415          7806         10893        112207
```

```
*** L06 ***
                                                                                                   *** L06 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                       RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:13 IDAHO          AQCR:064 METROPOLITAN BOISE      AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                        POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              67          247            13            44           399
         DISTILLATE OIL                6          174            44             2            12
         NATURAL GAS                   4            1           141             7            28
         WOOD                        247            2            20           513          1524
         TOTAL (RESIDENTIAL)         324          424           218           566          1963
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               9           58            16             0             2
            POINT SOURCES            152         1994          1491             5            43
         DISTILLATE OIL
            AREA SOURCES               9          216            98             4            24
         NATURAL GAS
            AREA SOURCES               0            0            20             6             3
            POINT SOURCES              3            1           561             2            45
         TOTAL (INDUSTRIAL)
            AREA SOURCES              18          274           134            10            29
            POINT SOURCES            155         1995          2052             7            88
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              62          257            48             2            29
         DISTILLATE OIL
            AREA SOURCES               0            6             2             0             0
         NATURAL GAS
            AREA SOURCES               2            0            63             4            12
         TOTAL (COMM-INST)
            AREA SOURCES              64          263           113             6            41
      TOTAL (EXTERNAL COMB)
            AREA SOURCES             406          961           465           582          2033
            POINT SOURCES            155         1995          2052             7            88
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             406          961           465           582          2033
            POINT SOURCES            155         1995          2052             7            88
INDUSTRIAL PROCESS (POINT)
**************************
```

```
          HEAVY DUTY VEHICLES             1754        777        7066        947        2907
          OFF HIGHWAY                      326        256        3091        472         935
          RAIL                             162        367        2380        577         838
          TOTAL (DIESEL)                  2242       1400       12537       1996        4680

     AIRCRAFT

        MILITARY                             6          0           3          8          16
        CIVIL                                7          3          39        122        2426
        COMMERCIAL                           6         14         151        134         415
        TOTAL (AIRCRAFT)                    19         17         193        264        2857

     VESSELS

        GASOLINE                             0          0           6        128         456
        TOTAL (VESSELS)                      0          0           6        128         456

     TOTAL (TRANSPORTATION)              20277       2278       32184      27465      285355

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                      186          0          17        136         756
     GASOLINE STA EVAP LOSS                  0          0           0       3181           0
     SOLVENT EVAPORATION LOSS                0          0           0      10342           0
     UNPAVED ROADS                       47726          0           0          0           0
     TOTAL (MISCELLANEOUS)               47912          0          17      13659         756

GRAND TOTAL
***********

     AREA SOURCES                        74249       4433       35871      52972      321658

     POINT SOURCES                       14986      51085       13575      18423        3058

     TOTAL                               89235      55518       49446      71395      324716
```

```
*** L08 ***                                                                                         *** L08 ***
              AREA SOURCES              4            83            58             0            14
              POINT SOURCES             0             4             4             0             1
          NATURAL GAS
              AREA SOURCES              8             2           291            15            58
              POINT SOURCES             2             0            63             0             5
          TOTAL (COMM-INST)
              AREA SOURCES             40           231           375            15            80
              POINT SOURCES            58           886           200             6            21

       TOTAL (EXTERNAL COMB)
              AREA SOURCES           3201          1697          2799          6315         18702
              POINT SOURCES          6197        299128        147654           486          2743

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL               27            25           403            27            86
          TOTAL (ELEC GEN)             27            25           403            27            86

       INDUSTRIAL FUEL

          NATURAL GAS                   7            45          1240            43           189
          TOTAL (INDUSTRIAL)            7            45          1240            43           189

       TOTAL (INTERNAL COMB)           34            70          1643            70           275

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           3201          1697          2799          6315         18702
              POINT SOURCES          6231        299198        149297           556          3018
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            203          4412            25            33             0
    FOOD/AGRICULTURAL                1063           311             0             2             0
    PRIMARY METAL                    5085         10347          3879          1987        167732
    SECONDARY METALS                 1474           591            73             3           631
    MINERAL PRODUCTS                 8558          1040            13            44             3
    PETROLEUM INDUSTRY               1304         22665          5789          9023           363
    WOOD PRODUCTS                      10             0             0             0             0
    ORGANIC SOLVENT EVAPORATION       328             0             2          1565             0
    PETROLEUM STORAGE/TRANSPORT        14             0            13          6266             1
    METAL FABRICATION                   1             0            23             0             0
    OTHER/NOT CLASSIFIED              357            28            24             2             2
    TOTAL (INDUSTRIAL)              18397         39374          9841         18925        168732
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION           825            13            26          2319          6951
       OPEN BURNING                   835            32           213          1127          3574
       TOTAL (RESIDENTIAL)           1660            45           239          3446         10525

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              POINT SOURCES           366           607           120           129           408
       TOTAL (COMM-INST)
              POINT SOURCES           366           607           120           129           408

    INDUSTRIAL
```

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                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:14 ILLINOIS        AQCR:074 SOUTHEAST ILLINOIS                 AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0               2               0               0               8
         BITUMINOUS COAL               96             454              19               0             574
         DISTILLATE OIL                 2              54              35              65               6
         NATURAL GAS                   28               3             899               0             183
         WOOD                       11589             120             919              48           71507
         TOTAL (RESIDENTIAL)        11715             633            1872           24060           72278
                                                                                   24173
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            21704           73315           37751             403            1672
         RESIDUAL OIL                   0               3              24               0               2
         DISTILLATE OIL                 4              88              62               0              13
         TOTAL (ELEC GEN)           21708           73406           37837             403            1687

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              115             922             198               0              25
            POINT SOURCES              99             201              41               1               9
         RESIDUAL OIL
            POINT SOURCES              13             394             108               0               2
         DISTILLATE OIL
            POINT SOURCES               2               1              15               0               2
         NATURAL GAS
            AREA SOURCES                1               0             382              63              41
            POINT SOURCES               1               0              62               0               4
         TOTAL (INDUSTRIAL)
            AREA SOURCES              116             922             580              63              66
            POINT SOURCES             115             596             226               1              17

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                7              28               8               0               0
         BITUMINOUS COAL
            AREA SOURCES               21             104              12               0               7
            POINT SOURCES              30             182               8               0               6
         LIGNITE
            POINT SOURCES             102             243              10              24             116
         RESIDUAL OIL
            POINT SOURCES               4              28              27               0               0
         DISTILLATE OIL
```

```
*** L10 ***                                                                                      *** L10 ***
                AREA SOURCES                 120          37          57          75          178
                POINT SOURCES                  0           1           1           0            0
     INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  46           9           9          41           61
                POINT SOURCES                192          57          46          13           30
        OPEN BURNING
                AREA SOURCES                  34           1          11          60          209
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  80          10          20         101          270
                POINT SOURCES                192          57          46          13           30

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1669          91         345        2859         8728
                POINT SOURCES                217          82          67         159          227
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES             12935         407        8704       12183       133222
           LIGHT DUTY TRUCKS                2740         119        2419        3327        31761
           HEAVY DUTY VEHICLES               556          39        1183        1713        26745
           OFF HIGHWAY                        37          20         415        1103        13937
           TOTAL (GASOLINE)                16266         585       12721       18326       205665

        DIESEL

           HEAVY DUTY VEHICLES              2808        1091       10054        1534         4765
           OFF HIGHWAY                       177         138        1671         254          505
           RAIL                              208         474        3077         747         1081
           TOTAL (DIESEL)                   3193        1703       14802        2535         6351
     AIRCRAFT

        CIVIL                                  3           2          14          45          900
        TOTAL (AIRCRAFT)                       3           2          14          45          900

     VESSELS

        DIESEL FUEL                           40          50         377          94          132
        RESIDUAL OIL                          11         149          24           1            1
        GASOLINE                               0           4          23         507         1808
        TOTAL (VESSELS)                       51         203         424         602         1941

     TOTAL (TRANSPORTATION)                19513        2493       27961       21508       214857
MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                        181           0          17         136          737
     GASOLINE STA EVAP LOSS                    0           0           0        3031            0
     SOLVENT EVAPORATION LOSS                  0           0           0        6249            0
     UNPAVED ROADS                          5855           0           0           0            0
     TOTAL (MISCELLANEOUS)                  6036           0          17        9416          737
GRAND TOTAL
***********

     AREA SOURCES                          28182        8772       31786       34298       226183
```

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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                                   RUN DATE:       MONDAY   NOVEMBER 28, 1983
STATE:15 INDIANA          AQCR:079 METROPOLITAN CINCINNATI                     AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
                                                                              POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL              0               0                0                0                1
          DISTILLATE OIL               4              41               26                1                7
          NATURAL GAS                  1               0               40                2                8
          WOOD                       262               3               21              544             1618
          TOTAL (RESIDENTIAL)        267              44               87              547             1634

       ELEC GENERATION (POINT)

          BITUMINOUS COAL            277           94108            28104               65              558
          DISTILLATE OIL               0              26               14                0                3
          TOTAL (ELEC GEN)           277           94134            28118               65              561

       INDUSTRIAL FUEL

          BITUMINOUS COAL
             AREA SOURCES             68             576              124                0               16
             POINT SOURCES           103            1033             1085                2               19
          RESIDUAL OIL
             AREA SOURCES              3              35                8                0                1
          DISTILLATE OIL
             AREA SOURCES              0               4                5                0                1
             POINT SOURCES             0               8                1                0                0
          NATURAL GAS
             AREA SOURCES              1               0               43                1               11
             POINT SOURCES             0               0               11                1                2
          TOTAL (INDUSTRIAL)
             AREA SOURCES             72             615              180                1               29
             POINT SOURCES           103            1041             1097                3               21

       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             AREA SOURCES              0               2                1                0                0
          DISTILLATE OIL
             AREA SOURCES              0               3                2                0                1
          NATURAL GAS
             AREA SOURCES              0               0               12                1                2
          TOTAL (COMM-INST)
             AREA SOURCES              0               5               15                1                3

       TOTAL (EXTERNAL COMB)
             AREA SOURCES            339             664              282              549             1666
             POINT SOURCES           380           95175            29215               68              582
```

```
*** L12 ***                                                                                                  *** L12 ***
            LIGHT DUTY VEHICLES              9744          396          8589          10168          104122
            LIGHT DUTY TRUCKS                2721          157          3315           3866           34083
            HEAVY DUTY VEHICLES               651           57          1827           2096           33159
            OFF HIGHWAY                        47           26           533           1418           17928
            TOTAL (GASOLINE)                13163          636         14264          17548          189292

        DIESEL

            HEAVY DUTY VEHICLES              2586         1156         10503           1393            4275
            OFF HIGHWAY                       238          186          2237            341             676
            RAIL                              190          431          2802            680             984
            TOTAL (DIESEL)                   3014         1773         15542           2414            5935

     AIRCRAFT

            MILITARY                            1            0             0              1               2
            CIVIL                               7            2            24             73            1477
            COMMERCIAL                          6           14           140            124             386
            TOTAL (AIRCRAFT)                   14           16           164            198            1865

     VESSELS

            DIESEL FUEL                         0            0             1              0               0
            GASOLINE                            0           19           112           2451            8739
            TOTAL (VESSELS)                     0           19           113           2451            8739

     TOTAL (TRANSPORTATION)                 16191         2444         30083          22611          205831

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                         160            0            15            119             652
     GASOLINE STA EVAP LOSS                     0            0             0           2643               0
     SOLVENT EVAPORATION LOSS                   0            0             0          17139               0
     UNPAVED ROADS                           8442            0             0              0               0
     TOTAL (MISCELLANEOUS)                   8602            0            15          19901             652

GRAND TOTAL
***********

     AREA SOURCES                           29173        21253         38080          46593          219740

     POINT SOURCES                           2692        87913         28034           9455            8700

     TOTAL                                  31865       109166         66114          56048          228440
```

```
SELECT CARD = <16    065                                                   45>
```

```
            HEAVY DUTY VEHICLES            215          99         901         115         353
            OFF HIGHWAY                     47          37         444          68         136
            RAIL                            16          36         231          56          81
            TOTAL (DIESEL)                 278         172        1576         239         568

     AIRCRAFT

         CIVIL                               1           0           3           6         189
         TOTAL (AIRCRAFT)                    1           0           3           6         189

     VESSELS

         GASOLINE                            0           1           7         164         585
         TOTAL (VESSELS)                     0           1           7         164         585

     TOTAL (TRANSPORTATION)               2586         286        4186        3586       36136

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        6           0           1           7          50
     STRUCTURAL FIRES                       25           0           2          19         101
     GASOLINE STA EVAP LOSS                  0           0           0         427           0
     SOLVENT EVAPORATION LOSS                0           0           0         980           0
     UNPAVED ROADS                       29291           0           0           0           0
     TOTAL (MISCELLANEOUS)               29322           0           3        1433         151

GRAND TOTAL
***********

     AREA SOURCES                        32269         417        4610        5593       36065

     POINT SOURCES                        1435       18922       30059         248       11176

     TOTAL                               33704       19339       34669        5841       47241
```

```
*** L15 ***                                                                                        *** L15 ***
     TOTAL (INDUSTRIAL)
             AREA SOURCES                 25            2            2           23           40
             POINT SOURCES                 3            1            1            2            5
   TOTAL (SOLID WASTE DISP)
             AREA SOURCES                961           56          200         1619         4901
             POINT SOURCES                 8            7           39            2            5
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES `

      GASOLINE

          LIGHT DUTY VEHICLES           3975          203         4633         5084        48656
          LIGHT DUTY TRUCKS             1509          105         2230         2395        20226
          HEAVY DUTY VEHICLES            486           52         1776         1685        26980
          OFF HIGHWAY                     19           10          208          551         6965
          TOTAL (GASOLINE)              5989          370         8847         9715       102827
      DIESEL

          HEAVY DUTY VEHICLES           1099          566         5067          585         1761
          OFF HIGHWAY                    385          303         3652          555         1101
          RAIL                            56          122          800          195          283
          TOTAL (DIESEL)                1538          989         9519         1335         3145
   AIRCRAFT

      CIVIL                                2            0           20           69         1353
      TOTAL (AIRCRAFT)                     2            0           20           69         1353
   VESSELS

      GASOLINE                             0            2           16          339         1210
      TOTAL (VESSELS)                      0            2           14          339         1210

   TOTAL (TRANSPORTATION)               7529         1361        18600        11458       108535
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       15            0            2           15          129
   STRUCTURAL FIRES                       89            0            5           67          352
   GASOLINE STA EVAP LOSS                  0            0            0         1265            0
   SOLVENT EVAPORATION LOSS                0            0            0         3385            0
   UNPAVED ROADS                      136335            0            0            0            0
   TOTAL (MISCELLANEOUS)              134439            0            7         4712          481
GRAND TOTAL
***********

   AREA SOURCES                       143328         2102        20462        18710       115890

   POINT SOURCES                       28798         8046         4015         1196         7159

   TOTAL                              172126        10148        24677        19906       123049
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:16 IOWA           AQCR:093 SOUTHWEST IOWA             AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES       SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              4             25              0              4             35
         DISTILLATE OIL              14            159             99              1             27
         NATURAL GAS                 11              0            371             19             75
         WOOD                       590              4             46           1224           3638
         TOTAL (RESIDENTIAL)        619            188            516           1248           3775

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            223            796             82              0             29
         TOTAL (ELEC GEN)           223            796             82              0             29

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES             0              8              5              0              0
         DISTILLATE OIL
            POINT SOURCES            80             12              8              0              2
         NATURAL GAS
            AREA SOURCES              0              0            379            150             52
            POINT SOURCES             1              0             29              1              6
         TOTAL (INDUSTRIAL)
            AREA SOURCES              0              0            379            150             52
            POINT SOURCES            81             20             42              1              6

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             10             42             13              0              0
         BITUMINOUS COAL
            AREA SOURCES             55            229             42              0             25
         RESIDUAL OIL
            AREA SOURCES              0              5              0              0              0
         DISTILLATE OIL
            AREA SOURCES              0             42             30              0              5
         NATURAL GAS
            AREA SOURCES              1              0            150              7             30
            POINT SOURCES             0              0              9              0              1
         LIQUID PETROL GAS
            POINT SOURCES             0              0              1              0              0
         TOTAL (COMM-INST)
            AREA SOURCES             66            318            235              7             60
            POINT SOURCES             0              0             10              0              1
```

```
*** L17 ***
              AREA SOURCES          733           28           176          1071          3347    *** L17 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       6827          261          5861          7546         76528
         LIGHT DUTY TRUCKS         2651          151          3183          3891         34086
         HEAVY DUTY VEHICLES        348           32          1009          1126         17843
         OFF HIGHWAY                 20            9           217           581          7337
         TOTAI (GASOLINE)          9846          453         10250         13144        135794

      DIESEL

         HEAVY DUTY VEHICLES        833          376          3414
         OFF HIGHWAY                293          231          2785           448          1373
         RAIL                       335          760          4922           626           863
         TOTAL (DIESEL)            1461         1367         11121          1193          1731
                                                                          2065          3947
   AIRCRAFT

      MILITARY                       81            5
      CIVIL                           4            1            42            95           197
      COMMERCIAL                      5           10            21            65          1296
      TOTAL (AIRCRAFT)               90           16           109            97           300
                                                               172           257          1791
   VESSELS

      GASOLINE                        0           11            70          1526          5435
      TOTAL (VESSELS)                 0           11            70          1526          5435

   TOTAL (TRANSPORTATION)         11397         1847         21613         16992        146967
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 231            0
   AGRICULTURAL BURNING             651            0            54           260          1895
   STRUCTURAL FIRES                 110            0            92           599          4323
   GASOLINE STA EVAP LOSS             0            0             9            82           443
   SOLVENT EVAPORATION LOSS           0            0             0          1724             0
   UNPAVED ROADS                 223182            0             0          4236             0
   UNPAVED AIRSTRIPS                 67            0             0             0             0
   TOTAL (MISCELLANEOUS)         224221            0             0             0             0
                                                               155          6901          6661
GRAND TOTAL
***********

   AREA SOURCES                  237384         3521         32956         30013        163311

   POINT SOURCES                  36513        17798         77249          1970          5574

   TOTAL                         273897        21319        110205         31983        168885
```

```
*** L18 ***                                                                              *** L18 ***
                AREA SOURCES             27          85         797          60         160
                POINT SOURCES             2           1          21           1           3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           1159        4621       35907       12872        7653
                POINT SOURCES           604        2763       28411          87        1439

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                13          28         257         139          54
           NATURAL GAS                   10           0        2573         435         342
           TOTAL (ELEC GEN)              23          28        2830         574         396

        INDUSTRIAL FUEL

           NATURAL GAS                    0           0        8959        1172        1149
           TOTAL (INDUSTRIAL)             0           0        8959        1172        1149

        TOTAL (INTERNAL COMB)            23          28       11789        1746        1545

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1159        4621       35907       12872        7653
                POINT SOURCES           627        2791       40200        1833        2984

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING               3          28           0          40           0
     FOOD/AGRICULTURAL                 6663           0           0           1          14
     SECONDARY METALS                    76           2           0           0          48
     MINERAL PRODUCTS                   699         249         352           3           1
     PETROLEUM INDUSTRY                 676        3663        4367        3976        1875
     ORGANIC SOLVENT EVAPORATION          0           0           0        1765           0
     PETROLEUM STORAGE/TRANSPORT          0           0           0        9302           0
     TOTAL (INDUSTRIAL)                8117        3942        4719       15085        1938

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION           1607          25          50        4518       13555
        OPEN BURNING                    657          24         169         885        2811
        TOTAL (RESIDENTIAL)            2264          49         219        5403       16366

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            213          67         101         123         292
        OPEN BURNING
                AREA SOURCES              7           0           1          13          29
        TOTAL (COMM-INST)
                AREA SOURCES            220          67         102         136         321

     INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             14           3           3          12          18
        OPEN BURNING
                AREA SOURCES             10           0           5          15          50
        TOTAL (INDUSTRIAL)
                AREA SOURCES             24           3           8          27          68
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SELECT CARD = <10    051                                                                              45>
STATE 10 COUNTY 1520 NOT FOUND IN POINT FILE
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*** M02 ***                                                                                          *** M02 ***
        TOTAL (EXTERNAL COMB)
              AREA SOURCES              1412          851          1076          2768          8251
              POINT SOURCES              110           81           397            39            86
    TOTAL (FUEL COMBUSTION)

              AREA SOURCES              1412          851          1076          2768          8251
              POINT SOURCES              110           81           397            39            86
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                93            0             0             0             0
    PRIMARY METAL                        643          312            18             2             2
    SECONDARY METALS                      45          340             0             0             0
    MINERAL PRODUCTS                       4           29             5             1             1
    WOOD PRODUCTS                        214           16           105            21            21
    PETROLEUM STORAGE/TRANSPORT            0            0             0           258             0
    TOTAL (INDUSTRIAL)                   999          897           128           282            24
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       OPEN BURNING                      397           15           102           534          1696
       TOTAL (RESIDENTIAL)               397           15           102           534          1696
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                  6            2             3             4             8
       OPEN BURNING
             AREA SOURCES                  2            0             1             3             9
       TOTAL (COMM-INST)
             AREA SOURCES                  8            2             4             7            17
    INDUSTRIAL

       OPEN BURNING
             AREA SOURCES                 25            1             8            44           155
       TOTAL (INDUSTRIAL)
             AREA SOURCES                 25            1             8            44           155
    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                430           18           114           585          1868
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES           5157          195          4199          5353         53610
          LIGHT DUTY TRUCKS             1043           61          1279          1436         12212
          HEAVY DUTY VEHICLES            298           27           870           968         15336
          OFF HIGHWAY                     14            6           166           444          5605
          TOTAL (GASOLINE)              6512          289          6474          8201         86763
       DIESEL

          HEAVY DUTY VEHICLES            873          394          3577           472          1443
          OFF HIGHWAY                     46           34           425            66           129
          RAIL                            51          120           769           185           270
          TOTAL (DIESEL)                 970          548          4771           723          1842
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*** M03 ***
                                                                                          *** M03 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:11 GEORGIA        AQCR:055 CHATTANOOGA              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES          SOX            NOX            VOC             CO
                            ************     ************   ************   ************   ************
                             TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             231             919             47            157           1391
         DISTILLATE OIL                0              29             16              0              4
         NATURAL GAS                  15               1            524             27            106
         WOOD                       1702              19            133           3536          10507
         TOTAL (RESIDENTIAL)        1948             968            720           3720          12008

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            6746          327615          88912            641           2157
         DISTILLATE OIL                0              53             46              1              8
         TOTAL (ELEC GEN)           6746          327668          88958            642           2165

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             265            1576            367              0             49
            POINT SOURCES            856            3690           1568              9            309
         RESIDUAL OIL
            POINT SOURCES           3069            5040           7384             40            666
         NATURAL GAS
            AREA SOURCES              12               2           1661            344            190
            POINT SOURCES             10               2           1134             19            152
         LIQUID PETROL GAS
            POINT SOURCES              0               0             13              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             277            1578           2028            344            239
            POINT SOURCES           3935            8732          10099             69           1128

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES               2              42             31              0              5
         NATURAL GAS
            AREA SOURCES               2               0            126              5             24
         TOTAL (COMM-INST)
            AREA SOURCES               4              42            157              5             29

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            2229            2588           2905           4069          12276
            POINT SOURCES          10681          336400          99057            711           3293

   TOTAL (FUEL COMBUSTION)
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SELECT CARD = <11     059                                                                                45>
STATE 11 COUNTY 0280 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0440 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0580 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0760 NOT FOUND IN POINT FILE
STATE 11 COUNTY 1100 NOT FOUND IN POINT FILE
STATE 11 COUNTY 1940 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2860 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3140 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3660 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4300 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4560 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4900 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5140 NOT FOUND IN POINT FILE
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*** M05 ***                                                                                          *** M05 ***
          HEAVY DUTY VEHICLES         989        96      2074      4168     82820
          OFF HIGHWAY                  63        32       752      1999     25287
          TOTAL (GASOLINE)          18004      1020     20417     31837    381110

      DIESEL

          HEAVY DUTY VEHICLES        2854      1333      6266      3088      7535
          OFF HIGHWAY                1427      1118     13436      2048      4062
          RAIL                        319       732      4740      1152      1666
          TOTAL (DIESEL)             4600      3183     24442      6288     13263

    AIRCRAFT

        MILITARY                      358        22       183       422       870
        CIVIL                          17         8        94       287      5804
        COMMERCIAL                     18        39       406       360      1117
        TOTAL (AIRCRAFT)              393        69       683      1069      7791

    VESSELS

        GASOLINE                        0        14        98      2162      7687
        TOTAL (VESSELS)                 0        14        98      2162      7687

    TOTAL (TRANSPORTATION)          22997      4286     45640     41356    409851

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES               115223      1017     27113    130135    948903
    FOREST MANAGED BURNING          48413       366      9684     34616    271100
    AGRICULTURAL BURNING              144         0        20       133       952
    STRUCTURAL FIRES                  209         0        13       152       830
    GASOLINE STA EVAP LOSS              0         0         0      4102         0
    SOLVENT EVAPORATION LOSS            0         0         0     10616         0
    UNPAVED ROADS                  171697         0         0         0         0
    UNPAVED AIRSTRIPS                 402         0         0         0         0
    TOTAL (MISCELLANEOUS)          336088      1381     36830    179754   1221785

GRAND TOTAL
***********

    AREA SOURCES                   369737     10165     85154    241558   1694773

    POINT SOURCES                   33102     35532      7959      3318     26543

    TOTAL                          402839     45697     93113    244876   1721316
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```
*** M06 ***                                                                                                   *** M06 ***
    FOOD/AGRICULTURAL                       298          304          272            5           16
    MINERAL PRODUCTS                        604            7            4            8            4
    ORGANIC SOLVENT EVAPORATION               0            0            0           20            0
    PETROLEUM STORAGE/TRANSPORT               0            0            0          319            0
    TOTAL (INDUSTRIAL)                      902          311          276          352           20

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                193            3            6          545         1635
        OPEN BURNING                        315           12           81          425         1347
        TOTAL (RESIDENTIAL)                 508           15           87          970         2982

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  1            0            1            1            2
        TOTAL (COMM-INST)
                AREA SOURCES                  1            0            1            1            2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                509           15           88          971         2984

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            3621          129         2966         4143        42120
            LIGHT DUTY TRUCKS              1800           89         1928         2644        23810
            HEAVY DUTY VEHICLES             276           22          450         1117        21894
            OFF HIGHWAY                      22           12          252          670         8466
            TOTAL (GASOLINE)               5719          252         5596         8574        96290

        DIESEL

            HEAVY DUTY VEHICLES             851          356         1656          929         2294
            OFF HIGHWAY                     234          184         2208          337          667
            RAIL                             87          199         1288          313          453
            TOTAL (DIESEL)                 1172          739         5152         1579         3414

    AIRCRAFT

        MILITARY                            100            6           51          117          242
        CIVIL                                 5            3           21           63         1273
        COMMERCIAL                            8           18          189          168          520
        TOTAL (AIRCRAFT)                    113           27          261          348         2035

    VESSELS

        GASOLINE                              0            1            5          109          387
        TOTAL (VESSELS)                       0            1            5          109          387

    TOTAL (TRANSPORTATION)                 7004         1019        11014        10610       102126

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       2253           20          530         2544        18551
    STRUCTURAL FIRES                         50            0            5           37          202
    GASOLINE STA EVAP LOSS                    0            0            0         1063            0
    SOLVENT EVAPORATION LOSS                  0            0            0         2977            0
```

```
*** M07 ***                                                                                       *** M07 ***
SELECT CARD = <14    067                                             45>
```

```
*** M08 ***                                                                                        *** M08 ***
          ON SITE INCINERATION
                    POINT SOURCES             2            3            4            4           13
          TOTAL (INDUSTRIAL)
                    POINT SOURCES             2            3            4            4           13

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES           1660           45          239         3446        10525
                    POINT SOURCES           368          610          124          133          421
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES        13720          446         9792        13808       148917
               LIGHT DUTY TRUCKS           3301          153         3180         4350        40849
               HEAVY DUTY VEHICLES          711           55         1703         2298        35863
               OFF HIGHWAY                   52           27          568         1512        19108
               TOTAL (GASOLINE)           17784          681        15243        21968       244737
          DIESEL

               HEAVY DUTY VEHICLES         1493          584         5379          815         2532
               OFF HIGHWAY                  237          185         2226          338          672
               RAIL                         154          348         2252          548          790
               TOTAL (DIESEL)              1884         1117         9857         1701         3994
     AIRCRAFT

          MILITARY                          265           17          136          311          641
          CIVIL                               6            3           28           85         1705
          COMMERCIAL                          0            1            7            7           19
          TOTAL (AIRCRAFT)                  271           21          171          403         2365
     VESSELS

          DIESEL FUEL                         6            9           57           14           21
          GASOLINE                            0            6           39          864         3081
          TOTAL (VESSELS)                     6           15           96          878         3102

     TOTAL (TRANSPORTATION)               19945         1834        25367        24950       254198
MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       113            0           27          128          930
     STRUCTURAL FIRES                       185            0           17          139          754
     GASOLINE STA EVAP LOSS                   0            0            0         2320            0
     SOLVENT EVAPORATION LOSS                 0            0            0         6993            0
     UNPAVED ROADS                        29127            0            0            0            0
     TOTAL (MISCELLANEOUS)                29425            0           44         9580         1684
GRAND TOTAL
***********

     AREA SOURCES                         54231         3576        28449        44291       285109

     POINT SOURCES                        24996       339182       159262        19614       172171

     TOTAL                                79227       342758       187711        63905       457280
```

```
             AREA SOURCES              4          73          54           0           9
         NATURAL GAS
             AREA SOURCES              5           0         251           8          52
         TOTAL (COMM-INST)
             AREA SOURCES             37         205         325           8          68
             POINT SOURCES           136         453          45          24         122

      TOTAL (EXTERNAL COMB)
             AREA SOURCES          11868        1760        2777       24244       72412
             POINT SOURCES         21959       74455       38108         428        1826

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL               22          35         349          37          92
         NATURAL GAS                   0           0          22           2           6
         TOTAL (ELEC GEN)             22          35         371          39          98

      INDUSTRIAL FUEL

         NATURAL GAS                   4           0        1554          40         203
         TOTAL (INDUSTRIAL)            4           0        1554          40         203

      TOTAL (INTERNAL COMB)           26          35        1925          79         301

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES          11868        1760        2777       24244       72412
             POINT SOURCES         21985       74490       40033         507        2127
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             19           0           0          36           0
   FOOD/AGRICULTURAL                1055           0           0           0           0
   PRIMARY METAL                      20          42           0           0           0
   SECONDARY METALS                  126           4           2           0          78
   MINERAL PRODUCTS                 2740        2053         861         471          15
   PETROLEUM INDUSTRY                888       15943        4396         585         335
   WOOD PRODUCTS                       2           0           0           0           0
   ORGANIC SOLVENT EVAPORATION       118           0         313       12408          38
   PETROLEUM STORAGE/TRANSPORT       136           0           0        3727           0
   OTHER/NOT CLASSIFIED              218           0           1          18           0
   TOTAL (INDUSTRIAL)               5322       18042        5571       17245         466
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION           575           7          19        1622        4866
      OPEN BURNING                  1124          43         288        1514        4807
      TOTAL (RESIDENTIAL)           1699          50         307        3136        9673

   INDUSTRIAL

      ON SITE INCINERATION
             POINT SOURCES            15           5           6           6          22
      TOTAL (INDUSTRIAL)
             POINT SOURCES            15           5           6           6          22

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES           1699          50         307        3136        9673
             POINT SOURCES            15           5           6           6          22
```

```
*** M10 ***
    POINT SOURCES                          30851        148344         74699         21214         159651  *** M10 ***

    TOTAL                                  59033        157116        106485         55512         385834
```

```
*** M11 ***
    INTERNAL COMBUSTION (POINT)                                                                                          *** M11 ***

        INDUSTRIAL FUEL

            NATURAL GAS                      2             0              768             19             97
            TOTAL (INDUSTRIAL)               2             0              768             19             97

        TOTAL (INTERNAL COMB)                2             0              768             19             97

    TOTAL (FUEL COMBUSTION)

                   AREA SOURCES            339           666              282            549           1666
                   POINT SOURCES           382         95175            29983             87            679
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                        5             0                0           1975              0
    MINERAL PRODUCTS                       163           355              640             26             23
    ORGANIC SOLVENT EVAPORATION              0             0                0            248              0
    TOTAL (INDUSTRIAL)                     168           355              640           2249             23
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                25             0                1             72            215
        OPEN BURNING                        53             2               16             71            225
        TOTAL (RESIDENTIAL)                 78             2               15            143            440

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 6             2                3              3              9
        TOTAL (COMM-INST)
                AREA SOURCES                 6             2                3              3              9

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 1             0                0              1              2
        OPEN BURNING
                AREA SOURCES                 2             0                1              3             10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 3             0                1              4             12

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES                87             4               19            150            461
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES             470            30              663            657           5857
           LIGHT DUTY TRUCKS               168            14              308            299           2344
           HEAVY DUTY VEHICLES              25             3               96             83           1341
           OFF HIGHWAY                       2             1               20             54            685
           TOTAL (GASOLINE)                665            48             1087           1093          10227
       DIESEL

           HEAVY DUTY VEHICLES             102            56              501             56            162
```

```
SELECT CARD = <15    083                                                                                 45>
STATE 15 COUNTY 0520 NOT FOUND IN POINT FILE
```

```
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:         MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA            AQCR:065 BURLINGTON-KEOKUK                   AREA EMISSIONS AS OF:          TUESDAY  NOVEMBER 22, 1983
                                                                      POINT EMISSIONS AS OF:         MONDAY       JULY 11, 1983

                                   PARTICULATES       SOX           NOX            VOC            CO
                                   ************   ************  ************   ************   ************
                                    TONS / YR      TONS / YR     TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  2              8             0
         DISTILLATE OIL                   1             15            10              2             12
         NATURAL GAS                      4              0           152              0              3
         WOOD                           101              1             8              8             30
         TOTAL (RESIDENTIAL)            108             24           170            209            622
                                                                                    219            667
      ELEC GENERATION (POINT)

         BITUMINOUS COAL                225          18249
         DISTILLATE OIL                   0                         3751             75            250
         TOTAL (ELEC GEN)               225              3             1              0              0
                                                 18252          3752             75            250
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES                15              0             0              0              0
         BITUMINOUS COAL
            POINT SOURCES              1321           4582           679             20             49
         RESIDUAL OIL
            POINT SOURCES                 2            217            33              0              3
         DISTILLATE OIL
            POINT SOURCES                10            149            79              4             13
         NATURAL GAS
            AREA SOURCES                  1              0
            POINT SOURCES                17              2           788            315            108
         TOTAL (INDUSTRIAL)                                         1159             16             95
            AREA SOURCES                  1              0
            POINT SOURCES              1365           4950           788            315            108
                                                                    1950             40            160
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  5             17             6              0              0
         BITUMINOUS COAL
            AREA SOURCES                 23            101            16              0             10
         RESIDUAL OIL
            AREA SOURCES                  0              3             1              0              0
         DISTILLATE OIL
            AREA SOURCES                  1             17            12              0              3
         NATURAL GAS
            AREA SOURCES                  2              0            66              3             13
```

```
*** M14 ***                                                                                    *** M16 ***
SELECT CARD = <16    086                                                    45>
```

```
*** M15 ***                                                                                                 *** M15 ***
SELECT CARD = <16    090                                                          69>
```

```
      TOTAL (EXTERNAL COMB)
                AREA SOURCES             685           506           1130           1405           3887
                POINT SOURCES            306           816            134              1             36
   TOTAL (FUEL COMBUSTION)

                AREA SOURCES             685           506           1130           1405           3887
                POINT SOURCES            306           816            134              1             36
INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                    5081             0              0              0              3
   SECONDARY METALS                        4             0              0              0              0
   MINERAL PRODUCTS                      399             7              4              8              4
   TOTAL (INDUSTRIAL)                   5484             7              4              8              7
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               219             0              3            616           1845
      OPEN BURNING                       416            17            107            562           1778
      TOTAL (RESIDENTIAL)                635            17            110           1178           3623
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES              86            25             40             50            116
                POINT SOURCES              1             0              0              0              0
      TOTAL (COMM-INST)
                AREA SOURCES              86            25             40             50            116
                POINT SOURCES              1             0              0              0              0
   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES              21             0              0             21             39
                POINT SOURCES              1             0              0              0              0
      TOTAL (INDUSTRIAL)
                AREA SOURCES              21             0              0             21             39
                POINT SOURCES              1             0              0              0              0
   TOTAL (SOLID WASTE DISP)
                AREA SOURCES             740            42            150           1249           3776
                POINT SOURCES              2             0              0              0              0
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            2669           161           3709           3746          34204
         LIGHT DUTY TRUCKS              1271           102           2175           2149          17367
         HEAVY DUTY VEHICLES             434            48           1708           1518          24444
         OFF HIGHWAY                      22             9            236            624           7898
         TOTAL (GASOLINE)               4396           320           7828           8037          83913
      DIESEL

         HEAVY DUTY VEHICLES             694           373           3320            366           1102
         OFF HIGHWAY                     347           271           3283            500            991
         RAIL                             43            95            624            153            219
```

SELECT CARD = <17   096   45>

```
*** M18 ***                                                                                          *** M18 ***
    TOTAL (SOLID WASTE DISP)
              AREA SOURCES             2508          119          329         5566        16755

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          11141          377         8159        11128       117336
         LIGHT DUTY TRUCKS             4040          195         4019         5319        48904
         HEAVY DUTY VEHICLES            525           41         1248         1645        25806
         OFF HIGHWAY                     41           21          474         1258        15923
         TOTAL (GASOLINE)             15747          634        13900        19350       207969

      DIESEL

         HEAVY DUTY VEHICLES           2454          976         8967         1337         4148
         OFF HIGHWAY                    446          351         4213          642         1275
         RAIL                           511         1161         7544         1833         2650
         TOTAL (DIESEL)                3411         2488        20724         3812         8073

   AIRCRAFT

      MILITARY                          288           18          148          339          699
      CIVIL                              10            3           37          118         2368
      COMMERCIAL                         11           24          250          222          688
      TOTAL (AIRCRAFT)                  309           45          435          679         3755

   VESSELS

      GASOLINE                            0            1            9          167          635
      TOTAL (VESSELS)                     0            1            9          167          635

   TOTAL (TRANSPORTATION)             19467         3168        35068        24008       220432

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     266            0           62          299         2194
   AGRICULTURAL BURNING                1455            0          207         1343         9683
   STRUCTURAL FIRES                     163            0           15          122          663
   GASOLINE STA EVAP LOSS                 0            0            0         2774            0
   SOLVENT EVAPORATION LOSS               0            0            0        11789            0
   UNPAVED ROADS                     328185            0            0            0            0
   UNPAVED AIRSTRIPS                      7            0            0            0            0
   TOTAL (MISCELLANEOUS)             330076            0          284        16327        12540

GRAND TOTAL
***********

   AREA SOURCES                      353210         7908        71588        58773       257380

   POINT SOURCES                       8744         6733        44919        16918         4922

   TOTAL                             361954        14641       116507        75691       262302
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:10 FLORIDA        AQCR:051 SOUTHWEST FLORIDA              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES      SOX           NOX           VOC            CO
                              ************  ************  ************  ************  ************
                               TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              0             1             0             0             1
         DISTILLATE OIL               2            33            20             1             5
         NATURAL GAS                  2             0            83             3            17
         WOOD                        84             0             6           174           516
         TOTAL (RESIDENTIAL)         88            34           109           178           539
      ELEC GENERATION (POINT)

         RESIDUAL OIL              1669         22607          4698            53           518
         DISTILLATE OIL              52          9374           777             6           159
         NATURAL GAS                  4             1           719             2            52
         TOTAL (ELEC GEN)          1725         31982          6194            61           729
      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES            64           753           214             1            11
         DISTILLATE OIL
            POINT SOURCES             0             1             0             0             0
         NATURAL GAS
            AREA SOURCES              0             0           110            41            15
            POINT SOURCES             0             0             8             0             2
         BAGASSE
            POINT SOURCES             8             0            66           110             6
         TOTAL (INDUSTRIAL)
            AREA SOURCES              0             0           110            41            15
            POINT SOURCES            72           754           288           111            19
      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES              4            65            46             0            12
         TOTAL (COMM-INST)
            AREA SOURCES              4            65            46             0            12

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             92            99           265           219           566
            POINT SOURCES          1797         32736          6482           172           748
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION
```

```
*** NO2 ***
   AIRCRAFT                                                                                                      *** NO2 ***

      MILITARY                         398           26            204            467            966
      CIVIL                              2            1             12             38            763
      COMMERCIAL                         2            4             39             34            106
      TOTAL (AIRCRAFT)                 402           31            255            539           1835

   VESSELS

      GASOLINE                           0            1             11            216            773
      TOTAL (VESSELS)                    0            1             11            216            773

   TOTAL (TRANSPORTATION)             7884          869          11511           9679          91213

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    328            1             77            371           2706
   FOREST MANAGED BURNING             1944           14            387           1390          10894
   AGRICULTURAL BURNING                503            0             71            462           3329
   STRUCTURAL FIRES                     79            0              7             58            321
   GASOLINE STA EVAP LOSS                0            0              0           1325              0
   SOLVENT EVAPORATION LOSS              0            0              0           4535              0
   UNPAVED ROADS                     17204            0              0              0              0
   TOTAL (MISCELLANEOUS)             20058           15            542           8141          17250
GRAND TOTAL
***********

   AREA SOURCES                      29784         1753          13243          21173         118582

   POINT SOURCES                      1109          978            525            321            110

   TOTAL                             30893         2731          13768          21494         118692
```

```
*** NO3 ***                                                                                      *** NO3 ***
                AREA SOURCES                 2229          2588          2905          4069         12276
                POINT SOURCES               10681        336400         99057           711          3293
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    509          1806            15             0             0
    PRIMARY METAL                             605           213             0             0             0
    SECONDARY METALS                           21             0             0           153             0
    MINERAL PRODUCTS                          789            71            25             4             4
    WOOD PRODUCTS                             957          2581          1102           100         23888
    ORGANIC SOLVENT EVAPORATION                 0             0             0           328             0
    METAL FABRICATION                           0             0             0            86             0
    OTHER/NOT CLASSIFIED                        0            37             0             0             0
    TOTAL (INDUSTRIAL)                       2881          4708          1142           671         23892

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                         1147            44           292          1546          4902
        TOTAL (RESIDENTIAL)                  1147            44           292          1546          4902

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    5             0             3             3             8
        OPEN BURNING
                AREA SOURCES                    2             0             0             4             8
        TOTAL (COMM-INST)
                AREA SOURCES                    7             0             3             7            16

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                  35          8841             8            35            47
        OPEN BURNING
                AREA SOURCES                   35             0            14            60           205
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   35             0            14            60           205
                POINT SOURCES                  35          8841             8            35            47

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 1189            44           309          1613          5123
                POINT SOURCES                  35          8841             8            35            47

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              7695           462         10258         10450         92282
            LIGHT DUTY TRUCKS                2499           210          4404          4402         33620
            HEAVY DUTY VEHICLES               472            57          1881          1623         26202
            OFF HIGHWAY                        35            16           369           984         12426
            TOTAL (GASOLINE)                10701           745         16912         17459        164530

        DIESEL

            HEAVY DUTY VEHICLES              1486           813          7256           777          2342
            OFF HIGHWAY                        96            74           902           136           275
            RAIL                              100           225          1448           355           511
            TOTAL (DIESEL)                   1682          1112          9606          1268          3128
```

```
*** N04 ***
                                                                                                              *** N04 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:           MONDAY   NOVEMBER 28, 1983
STATE:11 GEORGIA        AQCR:059 SOUTHWEST GEORGIA           AREA EMISSIONS AS OF:            TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:           MONDAY       JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              41             152               9              29             233
         DISTILLATE OIL                0               5               3               0               0
         NATURAL GAS                  10               1             440              22              89
         WOOD                       2734              28             219            5679           16874
         TOTAL (RESIDENTIAL)        2785             186             671            5730           17196
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             605           11824            4867              67             340
         NATURAL GAS                   0               0              40               0               6
         OTHER                       556             251            5392            3274            7703
         TOTAL (ELEC GEN)           1161           12075           10299            3341            8049
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             175            1314             230               0              29
         RESIDUAL OIL
            POINT SOURCES            162           10875            1487              13             133
         DISTILLATE OIL
            POINT SOURCES             12             824              24               1               4
         NATURAL GAS
            AREA SOURCES               6               1             915             189             104
            POINT SOURCES              6               2             902              27              49
         WOOD
            POINT SOURCES            274             147             174             120             265
         LIQUID PETROL GAS
            POINT SOURCES              0               0               1               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             181            1315            1145             189             133
            POINT SOURCES            454           11848            2588             161             451
      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES               2              51              38               0               8
         NATURAL GAS
            AREA SOURCES               2               0             170               7              35
            POINT SOURCES              2               0              77               2              18
         TOTAL (COMM-INST)
            AREA SOURCES               4              51             208               7              43
            POINT SOURCES              2               0              77               2              18
```

```
*** N05 ***
                                                                                                                    *** N05 ***
SELECT CARD = <13    061                                                                  45>
STATE 13 COUNTY 0460 NOT FOUND IN POINT FILE
```

```
*** N06 ***                                                                                    *** N06 ***
    UNPAVED ROADS                   16352          0            0            0            0
    UNPAVED AIRSTRIPS                 306          0            0            0            0
    TOTAL (MISCELLANEOUS)           18961         20          535         6621        18753

GRAND TOTAL
***********

    AREA SOURCES                    26880       2015        12102        18784       125896

    POINT SOURCES                    1057       2306         2328          359          108

    TOTAL                           27937       4321        14430        19143       126004
```

```
*** N07 ***
                                                                                                   *** N07 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:14 ILLINOIS        AQCR:067 METROPOLITAN CHICAGO          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL           1               3               0               1              11
         BITUMINOUS COAL         115             545              22              77             689
         DISTILLATE OIL           82             951             594              24             167
         NATURAL GAS             477              95           15931             843            3185
         WOOD                   1391              17             109            2888            8583
         TOTAL (RESIDENTIAL)    2066            1611           16656            3833           12635
      ELEC GENERATION (POINT)

         BITUMINOUS COAL        9764           73253          127047             666            3067
         RESIDUAL OIL           1384           20398           12580             212            1181
         DISTILLATE OIL            2             156             121               1              25
         NATURAL GAS             108             206            2790              16             147
         TOTAL (ELEC GEN)      11258           94013          142538             895            4420
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES        3041           24526            5306              19             685
            POINT SOURCES       1047            3905            2228              56             446
         RESIDUAL OIL
            POINT SOURCES       1259           16545            7332              78             555
         DISTILLATE OIL
            POINT SOURCES        127            1853            1776              54             217
         NATURAL GAS
            AREA SOURCES          95              18            9198            1561            1023
            POINT SOURCES        256             555            7984             160             955
         PROCESS GAS
            POINT SOURCES        313            6684            1100              83             151
         COKE
            POINT SOURCES          0             116              63               1               3
         OTHER
            POINT SOURCES          2              29              14               0               4
         TOTAL (INDUSTRIAL)
            AREA SOURCES        3136           24544           14502            1580            1708
            POINT SOURCES       3004           29687           20497             430            2331
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES         185             612             219               1              13
         BITUMINOUS COAL
```

```
*** NO8 ***                                                                    *** NO8 ***
SELECT CARD = <14    071                                      45>
```

```
*** N09 ***
TRANSPORTATION (AREA)                                                                                    *** N09 ***
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          8770          401          8825          9951          99003
            LIGHT DUTY TRUCKS            3345          212          4388          4892          42422
            HEAVY DUTY VEHICLES           749           76          2432          2538          40311
            OFF HIGHWAY                    94           52          1043          2779          35117
            TOTAL (GASOLINE)            12958          741         16688         20160         216853

        DIESEL

            HEAVY DUTY VEHICLES           859          412          3743           461           1397
            OFF HIGHWAY                   247          191          2333           357            704
            RAIL                          121          279          1805           436            634
            TOTAL (DIESEL)               1227          882          7881          1254           2735

    AIRCRAFT

        MILITARY                           13            1             7            16             34
        CIVIL                               3            2            26            82           1643
        COMMERCIAL                          3            6            61            54            168
        TOTAL (AIRCRAFT)                   19            9            94           152           1845

    VESSELS

        DIESEL FUEL                         3            5            33             8             12
        GASOLINE                            0            8            47          1044           3723
        TOTAL (VESSELS)                     3           13            80          1052           3735

    TOTAL (TRANSPORTATION)              14207         1665         24743         22618         225168

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      280            0            67           315           2289
    STRUCTURAL FIRES                      134            0            11           102            542
    GASOLINE STA EVAP LOSS                  0            0             0          2270              0
    SOLVENT EVAPORATION LOSS                0            0             0          6026              0
    UNPAVED ROADS                       27417            0             0             0              0
    TOTAL (MISCELLANEOUS)               27831            0            78          8713           2831

GRAND TOTAL
***********

    AREA SOURCES                        55605         3455         27905         58711         310084

    POINT SOURCES                       27322        92537         45610         17758           2615

    TOTAL                               82927        95992         73515         76469         312699
```

```
*** N10 ***
                                                                                           *** N10 ***
SELECT CARD = <15    076                                                   45>
```

```
         OFF HIGHWAY                      19          15         179          27          55
         RAIL                             13          29         189          46          66
         TOTAL (DIESEL)                  134         100         869         127         283

    AIRCRAFT

       CIVIL                               0           0           1           2          32
       TOTAL (AIRCRAFT)                    0           0           1           2          32

    TOTAL (TRANSPORTATION)               799         148        1957        1222       10542

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      25           0           6          29         208
    STRUCTURAL FIRES                       9           0           1           7          39
    GASOLINE STA EVAP LOSS                 0           0           0         124           0
    SOLVENT EVAPORATION LOSS               0           0           0         452           0
    UNPAVED ROADS                        596           0           0           0           0
    TOTAL (MISCELLANEOUS)                630           0           7         612         247

GRAND TOTAL
***********

    AREA SOURCES                        1855         816        2265        2533       12916

    POINT SOURCES                        550       95530       30623        2336         702

    TOTAL                               2405       96346       32888        4869       13618
```

```
*** N12 ***
                                                                                                    *** N12 ***
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                            RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:083 SOUTHERN INDIANA            AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:  MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               1              3              0              1             12
         BITUMINOUS COAL               0              1              0              0              1
         DISTILLATE OIL               36            416            262              8             71
         NATURAL GAS                  22              2            754             37            149
         WOOD                      14396            151           1138          29877          88803
         TOTAL (RESIDENTIAL)       14455            573           2154          29923          89036
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             390         277984          69440            143           1225
         DISTILLATE OIL                1             12              7              0              1
         NATURAL GAS                   0              0              7              0              2
         TOTAL (ELEC GEN)            391         277996          69454            143           1228
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            1304          11033           2385              6            306
            POINT SOURCES             11            485             33              0             40
         RESIDUAL OIL
            AREA SOURCES              45            612            143              0             11
            POINT SOURCES             27            386            133              0             12
         DISTILLATE OIL
            AREA SOURCES              14            160            179              4             43
            POINT SOURCES              9             78             40              3             10
         NATURAL GAS
            AREA SOURCES              21              2            997             20            248
            POINT SOURCES             12             28            120              2             17
         WOOD
            POINT SOURCES             16              0              9             34             39
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1384          11807           3706             30            608
            POINT SOURCES             75            977            335             39            118
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            351           5225            708             46            106
         RESIDUAL OIL
            AREA SOURCES               1             42             10              0              0
         DISTILLATE OIL
            AREA SOURCES               2             86             60              0             15
            POINT SOURCES              7             13              4              1             23
```

```
          TOTAL (COMM-INST)
                 AREA SOURCES            31            138            101              3             26

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES           160            162           1059            537            801
                 POINT SOURCES         1590          23202           5702            115            410

    INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL               0              1             11              1              2
             TOTAL (ELEC GEN)             0              1             11              1              2

         TOTAL (INTERNAL COMB)            0              1             11              1              2

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           160            162           1059            537            801
                 POINT SOURCES         1590          23203           5713            116            412

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             749           6783            261              4              0
     FOOD/AGRICULTURAL                 2262              0              0              0              0
     PRIMARY METAL                    20547              0              0              0              0
     SECONDARY METALS                   192            149              0              0            226
     MINERAL PRODUCTS                   651             74              5            309              1
     ORGANIC SOLVENT EVAPORATION          0              0              0           1190              0
     PETROLEUM STORAGE/TRANSPORT          0              0              0              6              0
     METAL FABRICATION                   59              0              0              0              0
     OTHER/NOT CLASSIFIED               340              0              0              0              0
     TOTAL (INDUSTRIAL)               24800           7006            266           1509            227

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                      4              0              2              8             23
        TOTAL (GOVERNMENT)                4              0              2              8             23

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             84              2              2            236            707
        OPEN BURNING                    175              6             45            237            750
        TOTAL (RESIDENTIAL)             259              8             47            473           1457

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES            33             11             16             19             46
        TOTAL (COMM-INST)
                 AREA SOURCES            33             11             16             19             46

    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES             8              2              2              6             10
                 POINT SOURCES            1              1              1              1              5
        TOTAL (INDUSTRIAL)
                 AREA SOURCES             8              2              2              6             10
                 POINT SOURCES            1              1              1              1              5

    TOTAL (SOLID WASTE DISP)
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:      MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA          AQCR:086 METROPOLITAN SIOUX CITY          AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES          SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 2              4              0              0              6
         DISTILLATE OIL                  5             56             35              2             10
         NATURAL GAS                     7              1            244             13             49
         WOOD                           38              0              3             79            235
         TOTAL (RESIDENTIAL)            52             61            282             94            300

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               704          34068          39309            131           1123
         DISTILLATE OIL                  0             90             14              0              3
         NATURAL GAS                     0              0            161              0             12
         TOTAL (ELEC GEN)              704          34158          39484            131           1138

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES               35             86             30              1              0
         DISTILLATE OIL
            POINT SOURCES                6             40             10              3              2
         NATURAL GAS
            AREA SOURCES                 0              0            351            140             68
            POINT SOURCES               54              1            752             98             27
         LIQUID PETROL GAS
            POINT SOURCES                0              0              2              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 0              0            351            140             68
            POINT SOURCES               95            127            794            102             30

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                10             35             13              0              1
         BITUMINOUS COAL
            AREA SOURCES                49            208             35              1             21
         RESIDUAL OIL
            AREA SOURCES                 0              8              1              0              0
         DISTILLATE OIL
            AREA SOURCES                 2             35             25              0              7
         NATURAL GAS
            AREA SOURCES                 4              1            134              7             27
         TOTAL (COMM-INST)
            AREA SOURCES                65            287            208              8             56
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*** N15 ***
                                                                                                              *** N15 ***
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:16 IOWA            AQCR:090 NORTHWEST IOWA                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                6              26              0              4             36
         DISTILLATE OIL                12             133             83              1             24
         NATURAL GAS                    9               0            286             15             60
         WOOD                          63               1              5            130            387
         TOTAL (RESIDENTIAL)           88             160            374            150            507
      ELEC GENERATION (POINT)

         BITUMINOUS COAL               69             322            115             39             35
         NATURAL GAS                    0               0              8              0              1
         TOTAL (ELEC GEN)              69             322            123             39             36
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               3               1              1              0              1
         RESIDUAL OIL
            POINT SOURCES               0               2              2              0              0
         DISTILLATE OIL
            POINT SOURCES               0              30             11              0              2
         NATURAL GAS
            AREA SOURCES                0               0            426            170             57
            POINT SOURCES               3               0            127              3             30
         LIQUID PETROL GAS
            POINT SOURCES               0               0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                0               0            426            170             57
            POINT SOURCES               6              33            142              3             33
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               10              30             12              0              0
         BITUMINOUS COAL
            AREA SOURCES               42             176             29              0             18
         RESIDUAL OIL
            AREA SOURCES                0               7              0              0              0
         DISTILLATE OIL
            AREA SOURCES                1              37             25              0              6
            POINT SOURCES               1              14              6              0              2
         NATURAL GAS
            AREA SOURCES                2               0            124              6             25
```

TOTAL (DIESEL)	1084	739	7227	1019	2312
AIRCRAFT					
CIVIL	0	0	18	57	1181
TOTAL (AIRCRAFT)	0	0	18	57	1181
VESSELS					
GASOLINE	0	1	11	274	978
TOTAL (VESSELS)	0	1	11	274	978
TOTAL (TRANSPORTATION)	5480	1060	15084	9387	88384
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	133	0	33	153	1127
STRUCTURAL FIRES	69	0	2	50	272
GASOLINE STA EVAP LOSS	0	0	0	1130	0
SOLVENT EVAPORATION LOSS	0	0	0	2388	0
UNPAVED ROADS	145920	0	0	0	0
UNPAVED AIRSTRIPS	16	0	0	0	0
TOTAL (MISCELLANEOUS)	146138	0	35	3721	1399
GRAND TOTAL ***********					
AREA SOURCES	153043	1608	16399	15762	97446
POINT SOURCES	5790	823	138	9	43
TOTAL	158833	2431	16537	15771	97489

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:17 KANSAS   AQCR:096 NORTH CENTRAL KANSAS

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	0	2	0	0	2
DISTILLATE OIL	0	1	1	0	0
NATURAL GAS	11	1	462	25	91
WOOD	400	1	30	830	2465
TOTAL (RESIDENTIAL)	611	5	493	855	2558
ELEC GENERATION (POINT)					
RESIDUAL OIL	6	22	45	0	1
NATURAL GAS	2	0	193	1	23
TOTAL (ELEC GEN)	8	22	238	1	24
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	149	1071	266	0	34
RESIDUAL OIL					
AREA SOURCES	15	214	51	0	4
POINT SOURCES	11	19	31	0	2
DISTILLATE OIL					
AREA SOURCES	5	70	78	2	19
POINT SOURCES	0	0	2	0	0
NATURAL GAS					
AREA SOURCES	40	8	14367	5159	1889
POINT SOURCES	53	3	761	40	117
TOTAL (INDUSTRIAL)					
AREA SOURCES	209	1363	14762	5161	1946
POINT SOURCES	64	22	794	40	119
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	0	3	0	0	0
DISTILLATE OIL					
AREA SOURCES	0	24	17	0	3
POINT SOURCES	0	14	2	0	0
NATURAL GAS					
AREA SOURCES	7	0	272	12	56
POINT SOURCES	1	0	20	0	3
TOTAL (COMM-INST)					
AREA SOURCES	7	27	289	12	59
POINT SOURCES	1	14	22	0	3

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FICHE/SEGMT    3    3 CKPT:    1,  880, 1074,    2,  126
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          DISTILLATE OIL                  28         266         461          33         103
          NATURAL GAS                      1           0          23           1           6
          TOTAL (ELEC GEN)                29         266         484          34         109

       TOTAL (INTERNAL COMB)              29         266         484          34         109

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                92          99         265         219         566
              POINT SOURCES             1826       33002        6966         206         857
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    130        1722           0           0          20
    MINERAL PRODUCTS                     985         624          16          36          21
    TOTAL (INDUSTRIAL)                  1115        2346          16          36          41
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION               14           0           0          39         120
       TOTAL (RESIDENTIAL)                14           0           0          39         120

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                  0           0           0           0           1
       TOTAL (COMM-INST)
             AREA SOURCES                  0           0           0           0           1

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                  4           0           0           4           8
       TOTAL (INDUSTRIAL)
             AREA SOURCES                  4           0           0           4           8

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                 18           0           0          43         129
TRANSPORTATION (AREA)
********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES          15605         536       10585       13369      135736
          LIGHT DUTY TRUCKS             3181         156        2868        3419       30274
          HEAVY DUTY VEHICLES            751          58        1744        2257       35650
          OFF HIGHWAY                     32          16         349         927       11729
          TOTAL (GASOLINE)             19569         766       15546       19972      213389

       DIESEL

          HEAVY DUTY VEHICLES           1214         503        4593         660        2039
          OFF HIGHWAY                     79          61         729         111         221
          RAIL                            62         139         907         220         318
          TOTAL (DIESEL)                1355         703        6229         991        2578
    AIRCRAFT

       MILITARY                            2           0           1           2           4
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*** 002 ***
                                                                                                   *** 002 ***
SELECT CARD = <11    049                                                  45>
STATE 11 COUNTY 0120 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0240 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0540 NOT FOUND IN POINT FILE
STATE 11 COUNTY 3380 NOT FOUND IN POINT FILE
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*** 003 ***                                                                                                   *** 003 ***
    AIRCRAFT

        CIVIL                                2           0          13          41         799
        TOTAL (AIRCRAFT)                     2           0          13          41         799

    VESSELS

        GASOLINE                             0           2          18         387        1379
        TOTAL (VESSELS)                      0           2          18         387        1379

    TOTAL (TRANSPORTATION)               12385        1859       26549       19155      169836

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      1095          11         259        1235        9007
    FOREST MANAGED BURNING                 341           0          69         243        1894
    AGRICULTURAL BURNING                    33           0           2          30         212
    STRUCTURAL FIRES                       127           0          10          93         504
    GASOLINE STA EVAP LOSS                   0           0           0        2093           0
    SOLVENT EVAPORATION LOSS                 0           0           0       10607           0
    UNPAVED ROADS                        27108           0           0           0           0
    TOTAL (MISCELLANEOUS)                28704          11         340       14301       11617

GRAND TOTAL
***********

    AREA SOURCES                         44507        4502       30103       39138      198852

    POINT SOURCES                        13597      349949      100207        1417       27232

    TOTAL                                58104      354451      130310       40555      226084
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      TOTAL (EXTERNAL COMB)
            AREA SOURCES             2970          1552          2024          5926         17372
            POINT SOURCES            1617         23923         12964          3504          8518

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 0            22            36            23            36
         TOTAL (ELEC GEN)               0            22            36            23            36

      TOTAL (INTERNAL COMB)             0            22            36            23            36

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             2970          1552          2024          5926         17372
            POINT SOURCES            1617         23945         13000          3527          8554

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             171            16           580           724             0
   PRIMARY METAL                      657          1579           337            15            21
   MINERAL PRODUCTS                    63            25             0             0             0
   WOOD PRODUCTS                     1833          2419           896             0         18360
   PETROLEUM STORAGE/TRANSPORT          0             0             0           400             0
   OTHER/NOT CLASSIFIED               311             0             0            70             0
   TOTAL (INDUSTRIAL)                3035          4037          1813          1209         18381

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      OPEN BURNING                   1188            46           305          1597          5069
      TOTAL (RESIDENTIAL)            1188            46           305          1597          5069

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES               10             1             6             7            15
      OPEN BURNING
            AREA SOURCES                2             0             0             4             8
      TOTAL (COMM-INST)
            AREA SOURCES               12             1             6            11            23

   INDUSTRIAL

      OPEN BURNING
            AREA SOURCES               62             0            24           104           365
      TOTAL (INDUSTRIAL)
            AREA SOURCES               62             0            24           104           365

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES             1262            47           335          1712          5457

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         7953           384          8234          9077         86135
         LIGHT DUTY TRUCKS           2572           169          3455          3683         30407
         HEAVY DUTY VEHICLES          739            75          2419          2446         39009
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                                         NATIONAL EMISSIONS DATA SYSTEM
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                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                       RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:13 IDAHO        AQCR:061 EASTERN IDAHO                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL         206            762             40            138           1232
            DISTILLATE OIL            4            153             38              0             10
            NATURAL GAS               2              0             96              4             21
            WOOD                    349              2             27            721           2146
            TOTAL (RESIDENTIAL)     561            917            201            863           3409

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         19            114             31              0              4
            RESIDUAL OIL
                POINT SOURCES        36            545            156              1             14
            DISTILLATE OIL
                AREA SOURCES         11            230            106              3             25
                POINT SOURCES         3             16              7              0              1
            NATURAL GAS
                AREA SOURCES          0              0             36             11              3
                POINT SOURCES         3              1            165              3             41
            WOOD
                POINT SOURCES        37              2             26             29             68
            TOTAL (INDUSTRIAL)
                AREA SOURCES         30            344            173             14             32
                POINT SOURCES        79            564            354             33            124

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         62            263             48              2             30
            RESIDUAL OIL
                POINT SOURCES        36            545            156              3             14
            DISTILLATE OIL
                AREA SOURCES          0             35              8              0              2
                POINT SOURCES         3             12              5              0              1
            NATURAL GAS
                AREA SOURCES          2              0             61              2             11
            TOTAL (COMM-INST)
                AREA SOURCES         64            298            117              4             43
                POINT SOURCES        39            557            161              3             15

        TOTAL (EXTERNAL COMB)
                AREA SOURCES        655           1559            491            881           3484
                POINT SOURCES       118           1121            515             36            139
```

```
*** 006 ***                                                                     *** 006 ***
SELECT CARD = <14                                              25>
```

```
              AREA SOURCES              452        2388        348        15       205
          RESIDUAL OIL
              POINT SOURCES             167        2196       1031        14        73
          DISTILLATE OIL
              AREA SOURCES              119        1722       1197        18       299
              POINT SOURCES               9          87         58         0        10
          NATURAL GAS
              AREA SOURCES               43           8       1438        76       287
              POINT SOURCES              73           9       8700        49       667
          TOTAL (COMM-INST)
              AREA SOURCES              799        4730       3202       110       804
              POINT SOURCES             249        2292       9789        63       750

        TOTAL (EXTERNAL COMB)
              AREA SOURCES             6001       30885      34360      5523     15147
              POINT SOURCES           14511      125992     172824      1388      7501

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                46        1509       1536        66       194
           NATURAL GAS                   36         123       1969       120       402
           TOTAL (ELEC GEN)              82        1632       3505       186       596

        INDUSTRIAL FUEL

           NATURAL GAS                   11           1       4470       859       555
           TOTAL (INDUSTRIAL)            11           1       4470       859       555

        TOTAL (INTERNAL COMB)            93        1633       7975      1043      1151

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES             6001       30885      34360      5523     15147
              POINT SOURCES           14604      127625     180799      2431      8652
  INDUSTRIAL PROCESS (POINT)
  **************************

     CHEMICAL MANUFACTURING            6002        1797       1851      7728     36455
     FOOD/AGRICULTURAL                 5677           7          1       673         3
     PRIMARY METAL                    20335        2662       2093      1738     50776
     SECONDARY METALS                  2959        1911       1790        43      2034
     MINERAL PRODUCTS                 24662        6112       1806       452      1161
     PETROLEUM INDUSTRY                1885       29055       5696      1210       723
     WOOD PRODUCTS                     1030           0          0        23         0
     ORGANIC SOLVENT EVAPORATION        580          81        737     80879       866
     PETROLEUM STORAGE/TRANSPORT       1233           0         13     16504         0
     METAL FABRICATION                  323           0         10       644         0
     OTHER/NOT CLASSIFIED               457        5032       1105       203        51
     TOTAL (INDUSTRIAL)               65143       46457      15102    110097     92069
  SOLID WASTE DISPOSAL
  ********************

     GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           33           3          3         2        38
        OTHER INCINERATION                1           0          0         0         0
        TOTAL (GOVERNMENT)               34           3          3         2        38

     RESIDENTIAL (AREA)

        ON SITE INCINERATION           3474          55        109      9771     29313
        OPEN BURNING                   1519          57        388      2047      6494
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                   RUN DATE:      MONDAY   NOVEMBER 28, 1983
STATE:14 ILLINOIS        AQCR:071 NORTH CENTRAL ILLINOIS         AREA EMISSIONS AS OF:      TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               3              15                0                2               19
         DISTILLATE OIL                6              71               45                1               12
         NATURAL GAS                  14               3              490               26               98
         WOOD                        555               5               44             1153             3424
         TOTAL (RESIDENTIAL)         578              96              579             1182             3553

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             329           26525             5607              104              411
         DISTILLATE OIL                0               0                1                0                0
         NATURAL GAS                   0               0                5                0                1
         TOTAL (ELEC GEN)            329           26525             5613              104              412

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             151            1221              263                1               33
            POINT SOURCES            138            1741              336               14               72
         RESIDUAL OIL
            POINT SOURCES             10             186               60                0                3
         DISTILLATE OIL
            POINT SOURCES              0               8                5                0                1
         NATURAL GAS
            AREA SOURCES               2               0              255               43               27
            POINT SOURCES              7               0              185               12               12
         TOTAL (INDUSTRIAL)
            AREA SOURCES             153            1221              518               44               60
            POINT SOURCES            155            1935              586               26               88

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               3              11                4                0                0
         BITUMINOUS COAL
            AREA SOURCES               7              41                6                0                4
         DISTILLATE OIL
            AREA SOURCES               1              36               25                0                5
         NATURAL GAS
            AREA SOURCES               3               0              110                5               22
            POINT SOURCES              2               0               30                1                5
         TOTAL (COMM-INST)
            AREA SOURCES              14              88              145                5               31
```

```
*** 009 ***
                                                                                                                                          *** 009 ***
SELECT CARD = <14    075                                                                      45>
STATE 14 COUNTY 0660 NOT FOUND IN POINT FILE
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                       RUN DATE:        MONDAY   NOVEMBER 28, 1983
STATE:15 INDIANA        AQCR:076 EAST CENTRAL INDIANA    AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      ANTHRACITE COAL             0             0             0             0             2
      DISTILLATE OIL             25           291           182             7            51
      NATURAL GAS                25             4           867            45           173
      WOOD                     1578            16           126          3268          9719
      TOTAL (RESIDENTIAL)      1628           311          1175          3320          9945

    ELEC GENERATION (POINT)

      BITUMINOUS COAL           167         11713          4210             9            74
      TOTAL (ELEC GEN)          167         11713          4210             9            74

    INDUSTRIAL FUEL

      BITUMINOUS COAL
          AREA SOURCES         1298         10997          2377             9           305
          POINT SOURCES         588          8383          1163            35           322
      RESIDUAL OIL
          AREA SOURCES           59           746           173             0            16
          POINT SOURCES          47           588            78             2             6
      DISTILLATE OIL
          AREA SOURCES           15           145           162             5            38
          POINT SOURCES           9            79            57             1             9
      NATURAL GAS
          AREA SOURCES           23             5          1006            20           251
          POINT SOURCES           8             1           404             9            57
      WOOD
          POINT SOURCES           1             0             2             1             1
      TOTAL (INDUSTRIAL)
          AREA SOURCES         1395         11893          3716            34           610
          POINT SOURCES         653          9051          1704            48           395

    COMM-INSTITUTIONAL FUEL

      BITUMINOUS COAL
          POINT SOURCES         379          2338           302             7            79
      RESIDUAL OIL
          AREA SOURCES            3            42             9             0             0
          POINT SOURCES           4            25            10             1             1
      DISTILLATE OIL
          AREA SOURCES            4            75            53             0            13
          POINT SOURCES           0             5             1             0             0
      NATURAL GAS
          AREA SOURCES            8             1           289            16            57
```

```
*** 011 ***
SELECT CARD = <15    080                                             45>
                                                                                    *** 011 ***
```

```
          NATURAL GAS
              AREA SOURCES                      6               0             267              12              54
              POINT SOURCES                     0               0               1               0               2
          TOTAL (COMM-INST)
              AREA SOURCES                      7             126             337              12              69
              POINT SOURCES                   358            5238             713              47             131

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                  15846           12506            6195           29965           89713
              POINT SOURCES                   826          284211           70502             229            1477

  INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

          NATURAL GAS                           0               0             471              11              60
          TOTAL (INDUSTRIAL)                    0               0             471              11              60

      ENGINE-TESTING

          TOTAL (ENG TESTNG)                   22              24              27              84              60

      TOTAL (INTERNAL COMB)                    22              24             498              95             120

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  15846           12506            6195           29965           89713
              POINT SOURCES                   846          284235           71000             324            1597
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     15               0               0              10               0
    FOOD/AGRICULTURAL                         250               0               0            2285               0
    SECONDARY METALS                          110              23               3               0             143
    MINERAL PRODUCTS                        13901            1758             624              71              98
    WOOD PRODUCTS                             139               0               0               0               0
    ORGANIC SOLVENT EVAPORATION                22               0               0            7130               0
    PETROLEUM STORAGE/TRANSPORT                 0               0               0             486               0
    OTHER/NOT CLASSIFIED                        0               6               0               0               0
    TOTAL (INDUSTRIAL)                      14437            1787             627            9982             241
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  413               2              11            1167            3500
        OPEN BURNING                          850              28             217            1149            3634
        TOTAL (RESIDENTIAL)                  1263              30             228            2316            7134
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  102              26              51              61             141
        OPEN BURNING
                AREA SOURCES                    1               0               0               2               4
        TOTAL (COMM-INST)
                AREA SOURCES                  103              26              51              63             145
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   22               2               2              22              40
                POINT SOURCES                   1               1               1               1               5
        OPEN BURNING
```

```
*** 013 ***
                  AREA SOURCES                 300            21            65           498          1513   *** 013 ***
                  POINT SOURCES                  5             1             3             9            28
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               1381            53          1209          1589         16398
            LIGHT DUTY TRUCKS                  472            24           526           683          6225
            HEAVY DUTY VEHICLES                123            10           329           403          6333
            OFF HIGHWAY                          6             4            76           198          2496
            TOTAL (GASOLINE)                  1982            91          2138          2873         31452

        DIESEL

            HEAVY DUTY VEHICLES                396           170          1557           214           658
            OFF HIGHWAY                         68            53           641            98           194
            RAIL                                16            37           239            58            84
            TOTAL (DIESEL)                     480           260          2437           370           936
    AIRCRAFT

        CIVIL                                    2             0             5            16           326
        TOTAL (AIRCRAFT)                         2             0             5            16           326
    VESSELS

        DIESEL FUEL                              3             4            27             7             9
        GASOLINE                                 0             7            41           902          3217
        TOTAL (VESSELS)                          3            11            68           909          3226

    TOTAL (TRANSPORTATION)                    2467           362          4648          4168         35940
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                             5             0             1             6            43
    STRUCTURAL FIRES                            25             0             2            19           105
    GASOLINE STA EVAP LOSS                       0             0             0           385             0
    SOLVENT EVAPORATION LOSS                     0             0             0          1980             0
    UNPAVED ROADS                            18263             0             0             0             0
    TOTAL (MISCELLANEOUS)                    18293             0             3          2390           148
GRAND TOTAL
***********

    AREA SOURCES                             21200           545          5775          7593         38402

    POINT SOURCES                            26395         30210          5982          1634           667

    TOTAL                                    47595         30755         11757          9227         39069
```

```
*** 014 ***
        TOTAL (EXTERNAL COMB)                                                                                        *** 014 ***
                  AREA SOURCES          117            368            841            242            406
                  POINT SOURCES         799          34285          40278            233           1168

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                3              0              0              0              0
            TOTAL (ELEC GEN)              3              0              0              0              0

        INDUSTRIAL FUEL

            DISTILLATE OIL                0              0              1              0              0
            GASOLINE                      0              0              0              1             16
            TOTAL (INDUSTRIAL)            0              0              1              1             16

        TOTAL (INTERNAL COMB)             3              0              1              1             16

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES          117            368            841            242            406
                  POINT SOURCES         802          34285          40279            234           1184

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              114              0             17            189              0
    FOOD/AGRICULTURAL                  2838              0              0              0              0
    MINERAL PRODUCTS                   2627              0              0              0              0
    TOTAL (INDUSTRIAL)                 5579              0             17            189              0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            145              1              5            406           1219
        OPEN BURNING                    303             12             78            408           1292
        TOTAL (RESIDENTIAL)             448             13             83            814           2511

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES           56             18             27             33             77
        TOTAL (COMM-INST)
                  AREA SOURCES           56             18             27             33             77

    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES           14              3              3             13             19
                  POINT SOURCES           1              0              0              0              0
        TOTAL (INDUSTRIAL)
                  AREA SOURCES           14              3              3             13             19
                  POINT SOURCES           1              0              0              0              0

    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES          518             34            113            860           2607
                  POINT SOURCES           1              0              0              0              0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** 015 ***
                         POINT SOURCES           0            0            23            0            0     *** 015 ***
                TOTAL (COMM-INST)
                         AREA SOURCES           55          250           190            6           49
                         POINT SOURCES           1           14            29            0            8

           TOTAL (EXTERNAL COMB)
                         AREA SOURCES          143          410           990          326          613
                         POINT SOURCES          76          369           294           42           77

      INTERNAL COMBUSTION (POINT)

           ELECTRIC GENERATION

                OTHER                            0            0             1            0            0
                TOTAL (ELEC GEN)                 0            0             1            0            0

           TOTAL (INTERNAL COMB)                 0            0             1            0            0

      TOTAL (FUEL COMBUSTION)

                         AREA SOURCES          143          410           990          326          613
                         POINT SOURCES          76          369           295           42           77
INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                       10608            0             0            1            7
     MINERAL PRODUCTS                         1040            4             2            5            3
     TOTAL (INDUSTRIAL)                      11648            4             2            6           10
SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

          OTHER INCINERATION                     1            0             0            0            0
          TOTAL (GOVERNMENT)                     1            0             0            0            0
     RESIDENTIAL (AREA)

          ON SITE INCINERATION                 162            0             4          456         1360
          OPEN BURNING                         282           11            73          378         1203
          TOTAL (RESIDENTIAL)                  444           11            77          834         2572
     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                       AREA SOURCES             60           18            29           35           81
          TOTAL (COMM-INST)
                       AREA SOURCES             60           18            29           35           81
     INDUSTRIAL

          ON SITE INCINERATION
                       AREA SOURCES             13            0             0           13           24
          TOTAL (INDUSTRIAL)
                       AREA SOURCES             13            0             0           13           24
     TOTAL (SOLID WASTE DISP)
                       AREA SOURCES            517           29           106          882         2677
                       POINT SOURCES             1            0             0            0            0
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES
```

```
*** 016 ***                                                                                      *** 016 ***
SELECT CARD = <17                                                        25>
```

```
        TOTAL (EXTERNAL COMB)
                     AREA SOURCES            627          1395         15564          6028          4563
                    POINT SOURCES             73            58          1054            41           146
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    21            24           383           166            82
            NATURAL GAS                        9             0          3321           566           431
            TOTAL (ELEC GEN)                  30            24          3704           732           513
        INDUSTRIAL FUEL

            NATURAL GAS                       20             0         14113           550          2059
            TOTAL (INDUSTRIAL)                20             0         14113           550          2059

        TOTAL (INTERNAL COMB)                 50            24         17817          1282          2572

    TOTAL (FUEL COMBUSTION)

                     AREA SOURCES            627          1395         15564          6028          4563
                    POINT SOURCES            123            82         18871          1323          2718
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     2             0             0             0             0
    FOOD/AGRICULTURAL                       6978             0             0             0             0
    SECONDARY METALS                          22             0             0             0             0
    MINERAL PRODUCTS                        1188           114           167             2            31
    PETROLEUM INDUSTRY                       223          1561          1180           732           134
    ORGANIC SOLVENT EVAPORATION                0             0             0           323             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0          1261             0
    OTHER/NOT CLASSIFIED                       1             0             0             0             0
    TOTAL (INDUSTRIAL)                      8414          1675          1347          2318           165
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                 1             0             0             1             1
        TOTAL (GOVERNMENT)                     1             0             0             1             1
    RESIDENTIAL (AREA)

        OPEN BURNING                         698            27           180           965          2989
        TOTAL (RESIDENTIAL)                  698            27           180           965          2989
    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                  AREA SOURCES                 8             0             2            14            34
        TOTAL (COMM-INST)
                  AREA SOURCES                 8             0             2            14            34
    INDUSTRIAL

        OPEN BURNING
                  AREA SOURCES                12             0             6            18            60
        TOTAL (INDUSTRIAL)
                  AREA SOURCES                12             0             6            18            60
    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               718            27           188           977          3083
```

```
A10...STATE:14 ILLINOIS     AQCR:075
B10...STATE:14 ILLINOIS     AQCR:075
C10...STATE:14 ILLINOIS     AQCR:075
D10...STATE:14 ILLINOIS     AQCR:075
E10...STATE 15:INDIANA
F10...STATE 15:INDIANA
G10...STATE 15:INDIANA
H10...STATE 15:INDIANA
I10...STATE 15:INDIANA
J10...STATE:15 INDIANA      AQCR:067
K10...STATE:15 INDIANA      AQCR:067
L10...STATE:15 INDIANA      AQCR:067
M10...STATE:15 INDIANA      AQCR:067
N10...STATE:15 INDIANA      AQCR:067
O10...STATE:15 INDIANA      AQCR:076
A11...STATE:15 INDIANA      AQCR:076
B11...STATE:15 INDIANA      AQCR:076
C11...STATE:15 INDIANA      AQCR:076
D11...STATE:15 INDIANA      AQCR:077
E11...STATE:15 INDIANA      AQCR:077
F11...STATE:15 INDIANA      AQCR:077
G11...STATE:15 INDIANA      AQCR:077
H11...STATE:15 INDIANA      AQCR:078
I11...STATE:15 INDIANA      AQCR:078
J11...STATE:15 INDIANA      AQCR:078
K11...STATE:15 INDIANA      AQCR:078
L11...STATE:15 INDIANA      AQCR:079
M11...STATE:15 INDIANA      AQCR:079
N11...STATE:15 INDIANA      AQCR:079
O11...STATE:15 INDIANA      AQCR:079
A12...STATE:15 INDIANA      AQCR:080
B12...STATE:15 INDIANA      AQCR:080
C12...STATE:15 INDIANA      AQCR:080
D12...STATE:15 INDIANA      AQCR:080
E12...STATE:15 INDIANA      AQCR:080
F12...STATE:15 INDIANA      AQCR:081
G12...STATE:15 INDIANA      AQCR:081
H12...STATE:15 INDIANA      AQCR:081
I12...STATE:15 INDIANA      AQCR:081
J12...STATE:15 INDIANA      AQCR:082
K12...STATE:15 INDIANA      AQCR:082
L12...STATE:15 INDIANA      AQCR:082
M12...STATE:15 INDIANA      AQCR:082
N12...STATE:15 INDIANA      AQCR:083
O12...STATE:15 INDIANA      AQCR:083

A13...STATE:15 INDIANA      AQCR:083
B13...STATE:15 INDIANA      AQCR:083
C13...STATE:15 INDIANA      AQCR:084
D13...STATE:15 INDIANA      AQCR:084
E13...STATE:15 INDIANA      AQCR:084
F13...STATE:15 INDIANA      AQCR:084
G13...STATE:15 INDIANA      AQCR:084
H13...STATE 16:IOWA
I13...STATE 16:IOWA
J13...STATE 16:IOWA
K13...STATE 16:IOWA
L13...STATE 16:IOWA
M13...STATE:16 IOWA         AQCR:065
N13...STATE:16 IOWA         AQCR:065
O13...STATE:16 IOWA         AQCR:065
A14...STATE:16 IOWA         AQCR:065
B14...STATE:16 IOWA         AQCR:068
C14...STATE:16 IOWA         AQCR:068
D14...STATE:16 IOWA         AQCR:068
E14...STATE:16 IOWA         AQCR:068
F14...STATE:16 IOWA         AQCR:069
G14...STATE:16 IOWA         AQCR:069
H14...STATE:16 IOWA         AQCR:069
I14...STATE:16 IOWA         AQCR:069
J14...STATE:16 IOWA         AQCR:085
K14...STATE:16 IOWA         AQCR:085
L14...STATE:16 IOWA         AQCR:085
M14...STATE:16 IOWA         AQCR:085
N14...STATE:16 IOWA         AQCR:086
O14...STATE:16 IOWA         AQCR:086
A15...STATE:16 IOWA         AQCR:086
B15...STATE:16 IOWA         AQCR:086
C15...STATE:16 IOWA         AQCR:087
D15...STATE:16 IOWA         AQCR:087
E15...STATE:16 IOWA         AQCR:087
F15...STATE:16 IOWA         AQCR:088
G15...STATE:16 IOWA         AQCR:088
H15...STATE:16 IOWA         AQCR:088
I15...STATE:16 IOWA         AQCR:088
J15...STATE:16 IOWA         AQCR:089
K15...STATE:16 IOWA         AQCR:089
L15...STATE:16 IOWA         AQCR:089
M15...STATE:16 IOWA         AQCR:089
N15...STATE:16 IOWA         AQCR:090
O15...STATE:16 IOWA         AQCR:090

A16...STATE:16 IOWA         AQCR:090
B16...STATE:16 IOWA         AQCR:090
C16...STATE:16 IOWA         AQCR:091
D16...STATE:16 IOWA         AQCR:091
E16...STATE:16 IOWA         AQCR:091
F16...STATE:16 IOWA         AQCR:091
G16...STATE:16 IOWA         AQCR:092
H16...STATE:16 IOWA         AQCR:092
I16...STATE:16 IOWA         AQCR:092
J16...STATE:16 IOWA         AQCR:092
K16...STATE:16 IOWA         AQCR:092
L16...STATE:16 IOWA         AQCR:093
M16...STATE:16 IOWA         AQCR:093
N16...STATE:16 IOWA         AQCR:093
O16...STATE:16 IOWA         AQCR:093
A17...STATE 17:KANSAS
B17...STATE 17:KANSAS
C17...STATE 17:KANSAS
D17...STATE 17:KANSAS
E17...STATE 17:KANSAS
F17...STATE:17 KANSAS       AQCR:094
G17...STATE:17 KANSAS       AQCR:094
H17...STATE:17 KANSAS       AQCR:094
I17...STATE:17 KANSAS       AQCR:094
J17...STATE:17 KANSAS       AQCR:095
K17...STATE:17 KANSAS       AQCR:095
L17...STATE:17 KANSAS       AQCR:095
M17...STATE:17 KANSAS       AQCR:095
N17...STATE:17 KANSAS       AQCR:096
O17...STATE:17 KANSAS       AQCR:096
A18...STATE:17 KANSAS       AQCR:096
B18...STATE:17 KANSAS       AQCR:096
C18...STATE:17 KANSAS       AQCR:097
D18...STATE:17 KANSAS       AQCR:097
E18...STATE:17 KANSAS       AQCR:097
F18...STATE:17 KANSAS       AQCR:097
G18...STATE:17 KANSAS       AQCR:098
H18...STATE:17 KANSAS       AQCR:098
I18...STATE:17 KANSAS       AQCR:098
J18...STATE:17 KANSAS       AQCR:098
K18...STATE:17 KANSAS       AQCR:099
L18...STATE:17 KANSAS       AQCR:099
M18...STATE:17 KANSAS       AQCR:099
```

```
*** A01 ***
SELECT CARD = <17    100                                                45>                    *** A01 ***
```

```
              AREA SOURCES              4          57          13           0           1
         DISTILLATE OIL
              AREA SOURCES              1          21          14           0           3
         NATURAL GAS
              POINT SOURCES             0           0           1           0           0
         WOOD
              POINT SOURCES             2           1           3           0           1
         TOTAL (COMM-INST)
              AREA SOURCES             72         394          91           1          36
              POINT SOURCES             7         589          64           2          41

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            686        2583        1080         686        2389
              POINT SOURCES          7347      196232       49590          75        1635

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES            686        2583        1080         686        2389
              POINT SOURCES          7347      196232       49590          75        1635
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             0           0           0           8           0
     FOOD/AGRICULTURAL                 21           0           0         358           0
     PRIMARY METAL                     26         611           0           0       45812
     SECONDARY METALS                  18           0           1           0           0
     MINERAL PRODUCTS                8386           3          20           5           6
     WOOD PRODUCTS                   1325         651         254           0        4961
     ORGANIC SOLVENT EVAPORATION        0           0           0         107           0
     PETROLEUM STORAGE/TRANSPORT        0           0           0         794           0
     TOTAL (INDUSTRIAL)              9776        1265         275        1272       50779
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            9           0           0          25          81
        OPEN BURNING                  383          15          98         519        1643
        TOTAL (RESIDENTIAL)           392          15          98         544        1724
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES           6           1           3           3          11
                 POINT SOURCES          4           2           1           3           5
        TOTAL (COMM-INST)
                 AREA SOURCES           6           1           3           3          11
                 POINT SOURCES          4           2           1           3           5
    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES           9           1           1           8          14
                 POINT SOURCES          0           2           8           1           9
        OPEN BURNING
                 AREA SOURCES           4           0           2           7          25
        TOTAL (INDUSTRIAL)
                 AREA SOURCES          13           1           3          15          39
                 POINT SOURCES          0           2           8           1           9
    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES         411          17         104         562        1774
                 POINT SOURCES          4           4           9           4          14
```

```
*** A03 ***
SELECT CARD = <18    102                                              45>                  *** A03 ***
```

```
        ON SITE INCINERATION
                AREA SOURCES                11            1            1           11           20
                POINT SOURCES               37            0            2           25          559
        OPEN BURNING
                AREA SOURCES                12            0            6           18           60
        TOTAL (INDUSTRIAL)
                AREA SOURCES                23            1            7           29           80
                POINT SOURCES               37            0            2           25          559

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               757           29          191         1038         3290
                POINT SOURCES               38            1            3           25          560
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           4116          265         6241         6391        55252
            LIGHT DUTY TRUCKS             1601          140         2930         2781        21208
            HEAVY DUTY VEHICLES            433           53         1765         1492        24150
            OFF HIGHWAY                     24           10          270          719         9052
            TOTAL (GASOLINE)              6174          468        11206        11383       109662
        DIESEL

            HEAVY DUTY VEHICLES            636          350         3113          335         1001
            OFF HIGHWAY                    227          177         2138          326          645
            RAIL                           179          410         2650          641          934
            TOTAL (DIESEL)                1042          937         7901         1302         2580
    AIRCRAFT

        CIVIL                                0            0            8           29          599
        TOTAL (AIRCRAFT)                     0            0            8           29          599
    VESSELS

        GASOLINE                             0            8           50         1114         3971
        TOTAL (VESSELS)                      0            8           50         1114         3971

    TOTAL (TRANSPORTATION)                7216         1413        19165        13828       116812
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      1226            9          290         1385        10104
    STRUCTURAL FIRES                        94            0            5           72          381
    GASOLINE STA EVAP LOSS                   0            0            0         1394            0
    SOLVENT EVAPORATION LOSS                 0            0            0         5258            0
    UNPAVED ROADS                        25636            0            0            0            0
    TOTAL (MISCELLANEOUS)                26956            9          295         8109        10485
GRAND TOTAL
***********

    AREA SOURCES                         52179         7153        22911        57251       233247

    POINT SOURCES                        11621        20695        11936        17232         1370

    TOTAL                                63800        27848        34847        74483       234617
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:19 LOUISIANA AQCR:106 SOUTHERN LOUISIANA-SOUTHEAST T

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	0	8	4	0	0
NATURAL GAS	98	14	3201	169	638
WOOD	3925	39	314	8143	24209
TOTAL (RESIDENTIAL)	4023	61	3519	8312	24847
ELEC GENERATION (POINT)					
BITUMINOUS COAL	223	9031	18309	38	323
RESIDUAL OIL	1091	8959	10464	59	397
DISTILLATE OIL	35	482	8139	2	57
NATURAL GAS	628	761	102803	350	8006
TOTAL (ELEC GEN)	1977	19233	139715	449	8783
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	946	5919	1963	3	249
RESIDUAL OIL					
POINT SOURCES	2295	25811	15031	85	1241
DISTILLATE OIL					
AREA SOURCES	136	1381	1556	51	370
POINT SOURCES	1013	19603	4802	44	814
NATURAL GAS					
AREA SOURCES	13	1	12508	5000	1703
POINT SOURCES	1558	564	109616	571	9301
PROCESS GAS					
POINT SOURCES	769	1717	1314	35	315
WOOD					
POINT SOURCES	1663	335	1572	796	2686
BAGASSE					
POINT SOURCES	7262	0	1280	3006	2114
OTHER					
POINT SOURCES	585	0	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	1095	7301	16027	5054	2322
POINT SOURCES	15145	48030	133615	4537	16471
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	4964	92360	14523	290	1319
POINT SOURCES	298	816	1152	2	21
DISTILLATE OIL					

```
*** A06 ***                                                                                         *** A06 ***
          TOTAL (COMM-INST)
               AREA SOURCES               13          81          49           1          11
               POINT SOURCES              98        1016         364           3          31
        TOTAL (EXTERNAL COMB)
               AREA SOURCES             2203         888         551        4408       13161
               POINT SOURCES             511        6415        1163          26         147
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                 21          20         299          20          65
           TOTAL (ELEC GEN)               21          20         299          20          65

        TOTAL (INTERNAL COMB)             21          20         299          20          65

     TOTAL (FUEL COMBUSTION)

               AREA SOURCES             2203         888         551        4408       13161
               POINT SOURCES             532        6435        1462          46         212
  INDUSTRIAL PROCESS (POINT)
  **************************

      FOOD/AGRICULTURAL                  105           0           0           0           0
      MINERAL PRODUCTS                   151          20          10          22          10
      TOTAL (INDUSTRIAL)                 256          20          10          22          10
  SOLID WASTE DISPOSAL
  ********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION             56           1           2         158         474
         OPEN BURNING                    184           7          47         248         787
         TOTAL (RESIDENTIAL)             240           8          49         406        1261
      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES               15           5           7           9          20
         TOTAL (COMM-INST)
               AREA SOURCES               15           5           7           9          20
      INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES                1           0           0           1           2
               POINT SOURCES             405           6          58         637        7523
         OPEN BURNING
               AREA SOURCES                2           0           1           3          10
               POINT SOURCES               2           0           0           3          17
         TOTAL (INDUSTRIAL)
               AREA SOURCES                3           0           1           4          12
               POINT SOURCES             407           6          58         640        7540
      TOTAL (SOLID WASTE DISP)
               AREA SOURCES              258          13          57         419        1293
               POINT SOURCES             407           6          58         640        7540
  TRANSPORTATION (AREA)
  *********************

      LAND VEHICLES
```

```
*** A07 ***                                                                                          *** A0

       MUNICIPAL INCINERATION              112          234           281           140           3276
       OTHER INCINERATION                   95            0             9             0              0
       TOTAL (GOVERNMENT)                  207          234           290           140           3276
    RESIDENTIAL (AREA)

       ON SITE INCINERATION                195            2             6
       OPEN BURNING                       4074          154          1040           546           1642
       TOTAL (RESIDENTIAL)                4269          156          1046          5491          17424
                                                                                 6037          19066
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                128           41            61            73            177
       OPEN BURNING
               AREA SOURCES                 24            0             6            44            105
       TOTAL (COMM-INST)
               AREA SOURCES                152           41            67           117            282
    INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES                101           19            19
               POINT SOURCES                20           41            45            92            140
       OPEN BURNING                                                                130            207
               AREA SOURCES                 98            4            38           167            579
       TOTAL (INDUSTRIAL)
               AREA SOURCES                199           23            57           259            719
               POINT SOURCES                20           41            45           130            207
    TOTAL (SOLID WASTE DISP)
               AREA SOURCES               4620          220          1170          6413          20067
               POINT SOURCES               227          275           335           270           3483
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES           90019         3229         66570         84161         876758
           LIGHT DUTY TRUCKS             15671          852         16748         19395         173445
           HEAVY DUTY VEHICLES            3703          293          9190         11689         183782
           OFF HIGHWAY                     179           97          1990          5288          66840
           TOTAL (GASOLINE)             109572         4471         94498        120533        1300825
        DIESEL

           HEAVY DUTY VEHICLES            8659         3668         33497          4691          14467
           OFF HIGHWAY                     835          653          7858          1198           2372
           RAIL                            328          744          4823          1168           1694
           TOTAL (DIESEL)                 9822         5065         46178          7057          18533
    AIRCRAFT

       MILITARY                           1399           90           717          1645           3396
       CIVIL                                20            8            93           284           5731
       COMMERCIAL                           28           65           677           600           1864
       TOTAL (AIRCRAFT)                   1447          163          1487          2529          10991
    VESSELS

       DIESEL FUEL                         239          298          2226           556            779
       RESIDUAL OIL                        442         5829           958            58             32
```

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****

STATE:21 MARYLAND AQCR:114 EASTERN SHORE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	6	30	0	5	41
DISTILLATE OIL	45	512	320	13	88
NATURAL GAS	1	0	85	3	16
WOOD	5731	61	453	11897	35361
TOTAL (RESIDENTIAL)	5783	603	858	11918	35506
ELEC GENERATION (POINT)					
RESIDUAL OIL	230	1099	416	5	35
DISTILLATE OIL	10	215	120	1	24
TOTAL (ELEC GEN)	240	1314	536	6	59
INDUSTRIAL FUEL					
RESIDUAL OIL					
POINT SOURCES	48	789	126	1	11
DISTILLATE OIL					
AREA SOURCES	8	63	72	1	16
POINT SOURCES	0	2	1	0	0
NATURAL GAS					
AREA SOURCES	2	0	411	109	49
WOOD					
POINT SOURCES	800	18	129	456	26
TOTAL (INDUSTRIAL)					
AREA SOURCES	10	63	483	110	65
POINT SOURCES	848	809	256	457	37
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	1	6	1	0	0
POINT SOURCES	5	70	14	0	1
RESIDUAL OIL					
POINT SOURCES	7	109	21	0	0
DISTILLATE OIL					
AREA SOURCES	5	89	64	0	15
NATURAL GAS					
AREA SOURCES	0	0	49	1	9
TOTAL (COMM-INST)					
AREA SOURCES	6	95	114	1	24
POINT SOURCES	12	179	35	0	1

MUNICIPAL INCINERATION	77	64	77	38	893
OTHER INCINERATION	121	6	15	2	0
TOTAL (GOVERNMENT)	198	70	92	40	893
RESIDENTIAL (AREA)					
ON SITE INCINERATION	3660	57	115	10296	30884
OPEN BURNING	3907	147	1000	5269	16715
TOTAL (RESIDENTIAL)	7567	204	1115	15565	47599
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	489	154	231	284	670
POINT SOURCES	16	2	5	2	10
OPEN BURNING					
AREA SOURCES	3	0	1	5	13
TOTAL (COMM-INST)					
AREA SOURCES	492	154	232	289	683
POINT SOURCES	16	2	5	2	10
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	70	15	15	64	92
POINT SOURCES	70	23	29	29	99
OPEN BURNING					
AREA SOURCES	29	1	11	50	175
TOTAL (INDUSTRIAL)					
AREA SOURCES	99	16	26	114	267
POINT SOURCES	70	23	29	29	99
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	8158	374	1373	15968	48549
POINT SOURCES	284	95	126	71	1002
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	137325	4216	93330	136602	1479718
LIGHT DUTY TRUCKS	17861	763	15521	21839	209788
HEAVY DUTY VEHICLES	5016	350	10421	15473	241260
OFF HIGHWAY	313	169	3479	9254	116986
TOTAL (GASOLINE)	160515	5498	122751	183168	2047752
DIESEL					
HEAVY DUTY VEHICLES	9231	3546	32727	5049	15697
OFF HIGHWAY	312	244	2945	449	890
RAIL	79	177	1152	280	404
TOTAL (DIESEL)	9622	3967	36824	5778	16991
AIRCRAFT					
MILITARY	570	37	292	671	1385
CIVIL	20	12	89	275	5521
COMMERCIAL	94	217	2255	2000	6212
TOTAL (AIRCRAFT)	684	266	2636	2946	13118
VESSELS					
DIESEL FUEL	50	63	466	116	163

```
*** A10 ***
SELECT CARD = <22    119                                                                             *** A10 ***
                                                                                       45>
```

POINT SOURCES	1924	1465	11608	3373	4419
OPEN BURNING					
AREA SOURCES	30	1	8	59	147
TOTAL (COMM-INST)					
AREA SOURCES	1359	410	642	831	1986
POINT SOURCES	1924	1465	11608	3373	4419
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	153	21	21	147	242
POINT SOURCES	7	6	5	35	47
OPEN BURNING					
AREA SOURCES	71	1	28	116	405
POINT SOURCES	132	7	49	239	711
TOTAL (INDUSTRIAL)					
AREA SOURCES	224	22	49	263	647
POINT SOURCES	139	13	54	274	758
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	18588	910	3543	33839	103258
POINT SOURCES	3811	1855	12481	5482	7478
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	160068	6191	130399	155154	1637361
LIGHT DUTY TRUCKS	36572	2162	45235	50759	451173
HEAVY DUTY VEHICLES	7989	676	21664	26225	412224
OFF HIGHWAY	649	345	7195	19131	241891
TOTAL (GASOLINE)	205278	9374	204493	251269	2742649
DIESEL					
HEAVY DUTY VEHICLES	14654	6292	57366	7930	24425
OFF HIGHWAY	2490	1955	23487	3578	7103
RAIL	953	2157	14018	3403	4932
TOTAL (DIESEL)	18097	10404	94871	14911	36460
AIRCRAFT					
MILITARY	650	41	334	765	1577
CIVIL	56	26	259	803	16176
COMMERCIAL	83	189	1962	1739	5403
TOTAL (AIRCRAFT)	789	256	2555	3307	23156
VESSELS					
DIESEL FUEL	27	35	268	65	92
RESIDUAL OIL	4	66	12	0	0
GASOLINE	0	168	951	20876	74393
TOTAL (VESSELS)	31	269	1231	20941	74485
TOTAL (TRANSPORTATION)	224195	20303	303150	290428	2876750
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	739	0	177	840	6127
FOREST MANAGED BURNING	107	0	20	77	605
STRUCTURAL FIRES	1448	0	135	1081	5890
GASOLINE STA EVAP LOSS	0	0	0	37375	0

*** A12 ***

AREA SOURCES	228340	11598	144478	233411	1403646	*** A12 ***
POINT SOURCES	97626	142609	115742	112906	57414	
TOTAL	325966	154207	260220	346317	1461060	

BITUMINOUS COAL					
POINT SOURCES	406	3579	1384	5	282
LIGNITE					
POINT SOURCES	82	205	63	0	9
RESIDUAL OIL					
POINT SOURCES	161	3835	672	12	60
DISTILLATE OIL					
AREA SOURCES	45	838	588	3	147
POINT SOURCES	0	48	11	0	2
NATURAL GAS					
AREA SOURCES	74	12	2772	136	554
POINT SOURCES	11	3	1646	13	217
WOOD					
POINT SOURCES	32	0	4	10	24
TOTAL (COMM-INST)					
AREA SOURCES	119	850	3360	139	701
POINT SOURCES	692	7670	3780	40	594
TOTAL (EXTERNAL COMB)					
AREA SOURCES	28258	5351	30849	63076	174495
POINT SOURCES	14864	185118	152292	831	9065
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	25	82	4	17
NATURAL GAS	5	0	843	20	126
TOTAL (ELEC GEN)	10	25	925	24	143
INDUSTRIAL FUEL					
DISTILLATE OIL	8	5	93	6	21
NATURAL GAS	47	0	5110	123	852
DIESEL FUEL	47	10	702	18	183
OTHER	1	11	19	1	4
TOTAL (INDUSTRIAL)	103	26	5924	148	1060
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	11	10	162	11	34
ENGINE-TESTING					
TOTAL (ENG TESTNG)	6	6	13	20	16
TOTAL (INTERNAL COMB)	130	67	7024	203	1253
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	28258	5351	30849	63076	174495
POINT SOURCES	14994	185185	159316	1034	10318
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1040	7817	428	2468	280
FOOD/AGRICULTURAL	59508	0	0	133	6
PRIMARY METAL	39644	5325	0	0	3456
SECONDARY METALS	430	968	5	0	3354
MINERAL PRODUCTS	19781	468	686	1411	113
PETROLEUM INDUSTRY	2971	11002	2904	3716	17097
WOOD PRODUCTS	1927	18	0	30	0
ORGANIC SOLVENT EVAPORATION	0	0	0	43298	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	20383	0

```
*** A14 ***
SELECT CARD = <24    130                                                                              *** A14 ***
                                                                                  45>
```

AREA SOURCES	1	0	133	4	26
POINT SOURCES	0	0	5	0	1
TOTAL (COMM-INST)					
AREA SOURCES	3	74	186	4	39
POINT SOURCES	1	16	7	0	1
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1159	587	2478	2817	7171
POINT SOURCES	455	3532	1532	14	438
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	2	9	31	2	7
NATURAL GAS	4	0	333	8	58
TOTAL (ELEC GEN)	6	9	364	10	65
INDUSTRIAL FUEL					
DISTILLATE OIL	2	1	23	1	5
NATURAL GAS	0	0	7	0	1
TOTAL (INDUSTRIAL)	2	1	30	1	6
TOTAL (INTERNAL COMB)	8	10	394	11	71
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1159	587	2478	2817	7171
POINT SOURCES	463	3542	1926	25	509
INDUSTRIAL PROCESS (POINT)					
***************************					
FOOD/AGRICULTURAL	21994	0	0	0	0
MINERAL PRODUCTS	45	5	2	6	4
ORGANIC SOLVENT EVAPORATION	0	0	0	4989	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	590	0
TOTAL (INDUSTRIAL)	22039	5	2	5585	4
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	227	0	5	643	1929
OPEN BURNING	630	24	161	850	2690
TOTAL (RESIDENTIAL)	857	24	166	1493	4619
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	857	24	166	1493	4619
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4111	217	5014	5484	52263
LIGHT DUTY TRUCKS	1752	127	2690	2847	24041
HEAVY DUTY VEHICLES	491	53	1775	1685	26980
OFF HIGHWAY	25	15	278	739	9320
TOTAL (GASOLINE)	6379	412	9757	10755	112604
DIESEL					

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:25 MISSISSIPPI AQCR:134 MISSISSIPPI DELTA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
NATURAL GAS	7	0	281	14	56
WOOD	1551	16	123	3223	9578
TOTAL (RESIDENTIAL)	1558	16	404	3237	9634
ELEC GENERATION (POINT)					
BITUMINOUS COAL	583	3071	410	33	103
RESIDUAL OIL	3382	16731	2681	147	582
DISTILLATE OIL	14	0	0	7	34
NATURAL GAS	105	2	2769	46	379
TOTAL (ELEC GEN)	4084	19804	5860	233	1098
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	45	510	127	0	17
RESIDUAL OIL					
POINT SOURCES	16	885	50	2	11
DISTILLATE OIL					
AREA SOURCES	4	53	58	2	13
POINT SOURCES	6	0	65	1	7
NATURAL GAS					
AREA SOURCES	18	4	8922	3379	1195
WOOD					
POINT SOURCES	93	23	153	31	31
TOTAL (INDUSTRIAL)					
AREA SOURCES	67	567	9107	3381	1225
POINT SOURCES	115	908	268	34	49
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	122	1996	364	6	34
DISTILLATE OIL					
AREA SOURCES	0	11	7	0	1
NATURAL GAS					
AREA SOURCES	2	0	112	6	22
TOTAL (COMM-INST)					
AREA SOURCES	124	2007	483	12	57
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1749	2590	9994	6630	10916
POINT SOURCES	4199	20712	6128	267	1147

AREA SOURCES	1483	97	335	2279	6877
POINT SOURCES	502	540	430	326	7537
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	43669	1393	29318	40289	431741
LIGHT DUTY TRUCKS	7575	356	7143	9285	85851
HEAVY DUTY VEHICLES	1300	95	2869	4043	63207
OFF HIGHWAY	90	47	1002	2666	33714
TOTAL (GASOLINE)	52634	1891	40332	56283	614513
DIESEL					
HEAVY DUTY VEHICLES	6333	2452	22609	3461	10753
OFF HIGHWAY	347	272	3262	498	986
RAIL	262	597	3875	942	1362
TOTAL (DIESEL)	6942	3321	29746	4901	13101
AIRCRAFT					
MILITARY	32	2	16	38	77
CIVIL	13	6	57	180	3582
COMMERCIAL	56	130	1349	1196	3714
TOTAL (AIRCRAFT)	101	138	1422	1414	7373
VESSELS					
DIESEL FUEL	91	114	845	212	295
GASOLINE	0	12	62	1384	4930
TOTAL (VESSELS)	91	126	907	1596	5225
TOTAL (TRANSPORTATION)	59768	5476	72407	64194	640212
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	133	1	31	150	1095
STRUCTURAL FIRES	349	0	33	262	1417
GASOLINE STA EVAP LOSS	0	0	0	8834	0
SOLVENT EVAPORATION LOSS	0	0	0	31911	0
UNPAVED ROADS	32363	0	0	0	0
TOTAL (MISCELLANEOUS)	32845	1	64	41157	2512
GRAND TOTAL					
***********					
AREA SOURCES	97108	22601	80789	108374	656505
POINT SOURCES	42817	445667	146732	58425	11993
TOTAL	139925	468268	227521	166799	668498

POINT SOURCES	39	100	723	11	53
TOTAL (EXTERNAL COMB)					
AREA SOURCES	19565	5180	4155	39422	117404
POINT SOURCES	29114	236770	34991	480	1543
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	4	58	17	1	1
TOTAL (ELEC GEN)	4	58	17	1	1
INDUSTRIAL FUEL					
DIESEL FUEL	0	0	1	0	0
TOTAL (INDUSTRIAL)	0	0	1	0	0
TOTAL (INTERNAL COMB)	4	58	18	1	1
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	19565	5180	4155	39422	117404
POINT SOURCES	29118	236828	35009	481	1544
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	22354	808	1393	19756	17571
FOOD/AGRICULTURAL	97	0	0	0	0
SECONDARY METALS	10	11	1	0	293
MINERAL PRODUCTS	12787	127	156	211	167
ORGANIC SOLVENT EVAPORATION	0	0	0	9019	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	478	0
METAL FABRICATION	8	0	0	3635	0
OTHER/NOT CLASSIFIED	33	3	5	3	3
TOTAL (INDUSTRIAL)	35289	949	1555	33102	18034
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	2	0	0	0	2
OTHER INCINERATION	1	0	0	0	0
TOTAL (GOVERNMENT)	3	0	0	0	2
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1486	23	46	4180	12540
OPEN BURNING	1157	41	300	1555	4926
TOTAL (RESIDENTIAL)	2643	64	346	5735	17466
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	3	1	1	2	4
OPEN BURNING					
AREA SOURCES	2	0	1	3	9
TOTAL (COMM-INST)					
AREA SOURCES	5	1	2	5	13
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	1	0	0	1	2

*** B01 ***

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                                                                                        *** B01 ***
                                NATIONAL EMISSIONS DATA SYSTEM
                                **********************************

                                ENVIRONMENTAL PROTECTION AGENCY
                                ***********************************
STATE/AQCR EMISSIONS REPORT
*****************************                                  RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:17 KANSAS         AQCR:100 SOUTHWEST KANSAS     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC            CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      BITUMINOUS COAL                0              1              0              0              1
      NATURAL GAS                    4              0            302             12             61
      WOOD                          57              0              2            116            340
      TOTAL (RESIDENTIAL)           61              1            304            128            402

    ELEC GENERATION (POINT)

      RESIDUAL OIL                  10             36             77              0              2
      DISTILLATE OIL                 1              2             15              0              1
      NATURAL GAS                   59              7           6938             16            395
      TOTAL (ELEC GEN)              70             45           7030             16            398

    INDUSTRIAL FUEL

      BITUMINOUS COAL
          AREA SOURCES              70            500            124              0             14
      RESIDUAL OIL
          AREA SOURCES               9            120             28              0              1
          POINT SOURCES              0              0              1              0              0
      DISTILLATE OIL
          AREA SOURCES               3             34             38              1              8
      NATURAL GAS
          AREA SOURCES              13              3           5058           1818            666
          POINT SOURCES             34              1           1581              5             55
      TOTAL (INDUSTRIAL)
          AREA SOURCES              95            657           5248           1819            689
          POINT SOURCES             34              1           1582              5             55

    COMM-INSTITUTIONAL FUEL

      BITUMINOUS COAL
          AREA SOURCES               0              1              0              0              0
      DISTILLATE OIL
          AREA SOURCES               0             12              6              0              1
      NATURAL GAS
          AREA SOURCES               3              0            172              6             32
      TOTAL (COMM-INST)
          AREA SOURCES               3             13            178              6             33

    TOTAL (EXTERNAL COMB)
          AREA SOURCES             159            671           5730           1953           1124
          POINT SOURCES            104             46           8612             21            453
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*** B02 ***
TRANSPORTATION (AREA)                                                                                  *** B02 ***
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         2934        138       3101       3561      34145
         LIGHT DUTY TRUCKS           1082         72       1441       1486      12489
         HEAVY DUTY VEHICLES          316         33       1053       1048      16760
         OFF HIGHWAY                   10          5        116        307       3879
         TOTAL (GASOLINE)            4342        248       5711       6402      67273
      DIESEL

         HEAVY DUTY VEHICLES          593        279       2523        318        970
         OFF HIGHWAY                   92         70        853        130        259
         RAIL                          93        211       1369        333        481
         TOTAL (DIESEL)               778        560       4745        781       1710
   AIRCRAFT

      MILITARY                          4          0          2          5         10
      CIVIL                             1          1          8         26        510
      COMMERCIAL                        1          2         24         21         67
      TOTAL (AIRCRAFT)                  6          3         34         52        587
   VESSELS

      DIESEL FUEL                     275        343       2562        642        896
      GASOLINE                          0          6         30        676       2406
      TOTAL (VESSELS)                 275        349       2592       1318       3302

   TOTAL (TRANSPORTATION)            5401       1160      13082       8553      72872
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   420          4        101        476       3468
   STRUCTURAL FIRES                    52          0          4         38        209
   GASOLINE STA EVAP LOSS               0          0          0        900          0
   SOLVENT EVAPORATION LOSS             0          0          0       2605          0
   UNPAVED ROADS                    11582          0          0          0          0
   UNPAVED AIRSTRIPS                    2          0          0          0          0
   TOTAL (MISCELLANEOUS)            12056          4        105       4019       3677
GRAND TOTAL
***********

   AREA SOURCES                     18554       3764      14371      13820      80712

   POINT SOURCES                    17127     197501      49874       1351      52428

   TOTAL                            35681     201265      64245      15171     133140
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*** B03 ***                                                                                              *** B03 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:       MONDAY   NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:102 BLUEGRASS                       AREA EMISSIONS AS OF:      TUESDAY   NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:       MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL            4              17               0               4              56
            BITUMINOUS COAL          156             580              33             105             936
            DISTILLATE OIL             5              72              46               0              11
            NATURAL GAS               18               2             634              36             127
            WOOD                    1032               9              81            2142            6366
            TOTAL (RESIDENTIAL)     1215             680             794            2287            7496

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          263           47481           14736              41             422
            DISTILLATE OIL             0               1               1               0               0
            TOTAL (ELEC GEN)         263           47482           14737              41             422

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         940            7066            1954               6             251
                POINT SOURCES        646             714             330              20             251
            RESIDUAL OIL
                AREA SOURCES           1              23               6               0               0
                POINT SOURCES          2              24              12               0               1
            DISTILLATE OIL
                AREA SOURCES          31             316             354              11              82
                POINT SOURCES          4             178              49               0              13
            NATURAL GAS
                AREA SOURCES           0               0             122              47              19
                POINT SOURCES          5               1             215               9              48
            TOTAL (INDUSTRIAL)
                AREA SOURCES         972            7405            2436              64             352
                POINT SOURCES        657             917             606              29             313

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          25              89              31               0               1
            BITUMINOUS COAL
                AREA SOURCES         184             902             169               6             101
                POINT SOURCES        131             751             286               5             109
            RESIDUAL OIL
                AREA SOURCES          20             280              65               1               4
            DISTILLATE OIL
                AREA SOURCES           6             106              71               1              15
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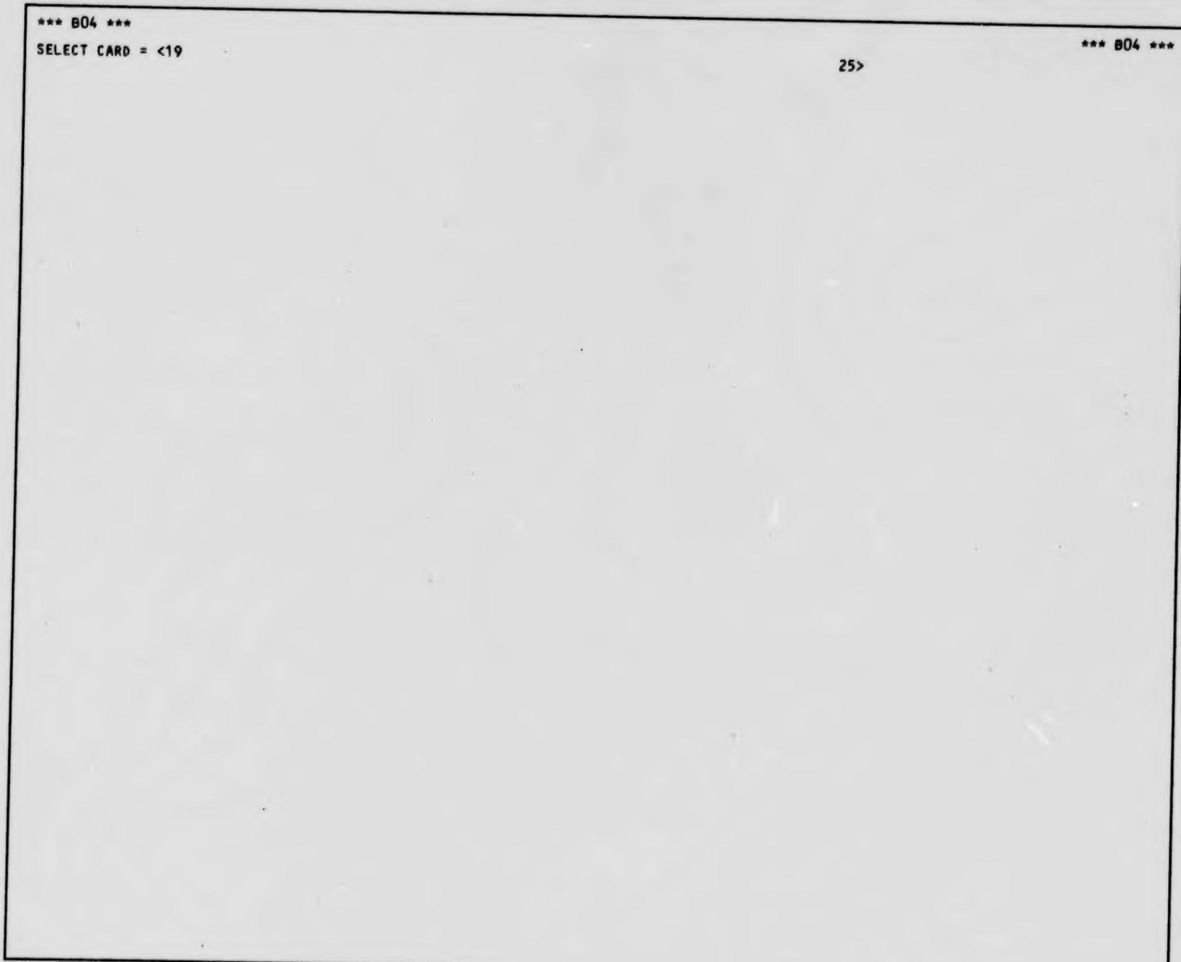

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*** B04 ***                                                                          *** B04 ***
SELECT CARD = <19                                                  25>
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*** B05 ***
          POINT SOURCES             17         758         176           2          45      *** B05 ***
      NATURAL GAS
          AREA SOURCES              45           6        1602          84         319
          POINT SOURCES              0           0          19           0           4
      TOTAL (COMM-INST)
          AREA SOURCES            5009       92366       16125         374        1638
          POINT SOURCES            315        1574        1347           4          70

   TOTAL (EXTERNAL COMB)
          AREA SOURCES           10127       99728       35671       13740       28807
          POINT SOURCES          17437       68837      274677        4990       25324

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL              31        1452         274          12         144
        NATURAL GAS                 11           3        2734          48         189
        TOTAL (ELEC GEN)            42        1455        3008          60         333

     INDUSTRIAL FUEL

        DISTILLATE OIL               5         100         108           7          24
        NATURAL GAS                907         162       57842        3813       10505
        TOTAL (INDUSTRIAL)         912         262       57950        3820       10529

     TOTAL (INTERNAL COMB)         954        1717       60958        3880       10862

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES           10127       99728       35671       13740       28807
          POINT SOURCES          18391       70554      335635        8870       36186
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING       22795       26328       17973      167895      750455
    FOOD/AGRICULTURAL             6376         287         303          11          58
    PRIMARY METAL                21101        6138           0        6000       51659
    SECONDARY METALS               801        3229           3          20        1381
    MINERAL PRODUCTS             11794        9259        2422         164        9356
    PETROLEUM INDUSTRY            5852       68662       53864       45341       65637
    WOOD PRODUCTS                 5225        6148        1246         235       24170
    ORGANIC SOLVENT EVAPORATION     13           0           0        8247           0
    PETROLEUM STORAGE/TRANSPORT      0           0           0       33890           0
    METAL FABRICATION               39           0           0           0           0
    OTHER/NOT CLASSIFIED           943        5934        1700        3737         252
    TOTAL (INDUSTRIAL)           74939      125985       77511      265540      902968
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION      961         200         160         120        2803
       TOTAL (GOVERNMENT)          961         200         160         120        2803

    RESIDENTIAL (AREA)

       ON SITE INCINERATION        799           8          21        2248        6744
       OPEN BURNING               3837         144         980        5179       16419
       TOTAL (RESIDENTIAL)        4636         152        1001        7427       23163

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
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*** B06 ***                                                                                   *** B06 ***
      GASOLINE

         LIGHT DUTY VEHICLES            1084         55       1250       1348      13054
         LIGHT DUTY TRUCKS               448         31        660        710       6043
         HEAVY DUTY VEHICLES             124         13        430        423       6758
         OFF HIGHWAY                       7          4         77        205       2587
         TOTAL (GASOLINE)               1663        103       2417       2686      28442
      DIESEL

         HEAVY DUTY VEHICLES             235        118       1059        125        379
         OFF HIGHWAY                      42         33        393         60        119
         RAIL                              6         13         81         20         29
         TOTAL (DIESEL)                  283        164       1533        205        527
   AIRCRAFT

      MILITARY                           146          9         75        171        354
      CIVIL                                0          0          0          1         10
      TOTAL (AIRCRAFT)                   146          9         75        172        364
   VESSELS

      GASOLINE                             0          1          7        153        546
      TOTAL (VESSELS)                      0          1          7        153        546

   TOTAL (TRANSPORTATION)               2092        277       4032       3216      29879

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       69          1         16         78        567
   AGRICULTURAL BURNING                  212          0         30        195       1408
   STRUCTURAL FIRES                       26          0          2         20        108
   GASOLINE STA EVAP LOSS                  0          0          0        463          0
   SOLVENT EVAPORATION LOSS                0          0          0       1182          0
   UNPAVED ROADS                       15818          0          0          0          0
   UNPAVED AIRSTRIPS                       5          0          0          0          0
   TOTAL (MISCELLANEOUS)               16130          1         48       1938       2083
GRAND TOTAL
***********

   AREA SOURCES                        20683       1179       4688       9981      46416

   POINT SOURCES                        1195       6461       1530        708       7762

   TOTAL                               21878       7640       6218      10689      54178
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*** B07 ***                                                                                                *** B07
        GASOLINE                            0          55         319        7030       25061
        TOTAL (VESSELS)                   681        6182        3503        7644       25872

    TOTAL (TRANSPORTATION)             121522       15881      145666      137763     1356221

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2181          18         516        2461       17962
    AGRICULTURAL BURNING                   45           0           6          42         302
    STRUCTURAL FIRES                     1124           0         106         838        4566
    GASOLINE STA EVAP LOSS                  0           0           0       18045           0
    SOLVENT EVAPORATION LOSS                0           0           0       56171           0
    UNPAVED ROADS                       53112           0           0           0           0
    UNPAVED AIRSTRIPS                      17           0           0           0           0
    TOTAL (MISCELLANEOUS)               56479          18         628       77557       22830

GRAND TOTAL
***********

    AREA SOURCES                       204185       22496      163560      266853     1530628

    POINT SOURCES                       22715      264261      116184       40844       66003

    TOTAL                              226900      286757      279744      307697     1596631
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	5799	761	1455	12029	35595
POINT SOURCES	1100	2302	827	463	97
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	46	75	5	16
NATURAL GAS	2	0	49	1	14
TOTAL (ELEC GEN)	7	46	124	6	30
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	63	58	878	60	191
TOTAL (INTERNAL COMB)	70	104	1002	66	221
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	5799	761	1455	12029	35595
POINT SOURCES	1170	2406	1829	529	318
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	152	0	5	865	12
FOOD/AGRICULTURAL	43	0	0	9	0
MINERAL PRODUCTS	422	0	0	0	0
PETROLEUM INDUSTRY	1	16	3	0	0
WOOD PRODUCTS	0	0	0	13	0
ORGANIC SOLVENT EVAPORATION	0	0	0	30	0
PETROLEUM STORAGE/TRANSPORT	0	0	100	465	0
TOTAL (INDUSTRIAL)	618	16	108	1382	12
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	3	0	0	8	26
OPEN BURNING	841	33	214	1132	3593
TOTAL (RESIDENTIAL)	844	33	214	1140	3619
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	0	0	0	0	1
OPEN BURNING AREA SOURCES	5	0	0	10	20
TOTAL (COMM-INST) AREA SOURCES	5	0	0	10	21
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	1	0	0	1	2
OPEN BURNING AREA SOURCES	10	0	5	15	50
TOTAL (INDUSTRIAL) AREA SOURCES	11	0	5	16	52
TOTAL (SOLID WASTE DISP) AREA SOURCES	860	33	219	1166	3692
TRANSPORTATION (AREA)					

```
        RESIDUAL OIL                     92        1219         201          12           7
        GASOLINE                          0          52         291        6397       22802
        TOTAL (VESSELS)                 142        1334         958        6525       22972

    TOTAL (TRANSPORTATION)           170963       11065      163169      198417     2100833

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   1121          10         264        1267        9233
    STRUCTURAL FIRES                   1622           0         153        1213        6598
    GASOLINE STA EVAP LOSS                0           0           0       21283           0
    SOLVENT EVAPORATION LOSS              0           0           0      101838           0
    UNPAVED ROADS                      6294           0           0           0           0
    UNPAVED AIRSTRIPS                     5           0           0           0           0
    TOTAL (MISCELLANEOUS)              9042          10         417      125601       15831

GRAND TOTAL
***********

    AREA SOURCES                     211743       36653      188401      383721     2297374

    POINT SOURCES                     14073      304546       86196      101681        9765

    TOTAL                            225816      341199      274597      485402     2307139
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*** B10 ***
                                                                                              *** B10 ***
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************
STATE/AQCR EMISSIONS REPORT
***************************
                                                                        RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:22 MASSACHUSETTS   AQCR:119 METROPOLITAN BOSTON         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC            CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                9             25              3              9             82
         DISTILLATE OIL               445           5128           3205            125            890
         NATURAL GAS                   66             13           2208            117            442
         WOOD                        2681             28            212           5566          16544
         TOTAL (RESIDENTIAL)         3201           5194           5628           5817          17958
      ELEC GENERATION (POINT)

         BITUMINOUS COAL               35            179             37              0              1
         RESIDUAL OIL                3804          91915          26841            304           2003
         DISTILLATE OIL                 1             11              6              0              1
         NATURAL GAS                    3              1            469              1             34
         TOTAL (ELEC GEN)            3843          92106          27353            305           2039
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               82            801             99              1             26
         RESIDUAL OIL
            POINT SOURCES             595           8030           2901           4955            263
         DISTILLATE OIL
            AREA SOURCES               38            381            429             15            102
            POINT SOURCES               7            127             26             81              7
         NATURAL GAS
            AREA SOURCES                4              1            345             51             37
            POINT SOURCES               9              2           1161           1389            109
         COKE
            AREA SOURCES               43            108             28              1             14
         LIQUID PETROL GAS
            POINT SOURCES               0              0              1              0              0
         OTHER
            POINT SOURCES               1              4              3              3              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              167           1291           1001             68            179
            POINT SOURCES             612           8163           4092           6428            380
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              213            703            252              2             15
         RESIDUAL OIL
            AREA SOURCES              460           3500           1345             27            122
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*** B11 ***                                                                                  *** B11 ***
    SOLVENT EVAPORATION LOSS             0          0          0     158545          0
    UNPAVED ROADS                   421966          0          0          0          0
    UNPAVED AIRSTRIPS                   40          0          0          0          0
    TOTAL (MISCELLANEOUS)           424300          0        332     197918      12622
GRAND TOTAL
***********

    AREA SOURCES                    710786      31101     367754     619132    3260385

    POINT SOURCES                   218654     876049     369038     222567     274347

    TOTAL                           929440     907150     736792     841699    3534732
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*** B12 ***

SELECT CARD = <23   124

*** B12 ***

45>

*** B13 ***

METAL FABRICATION	1	0	0	0	0
OTHER/NOT CLASSIFIED	0	0	0	36	0
TOTAL (INDUSTRIAL)	125302	25598	4023	71475	24306
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	2726	29	79	7674	23014
OPEN BURNING	5676	211	1452	7661	24295
TOTAL (RESIDENTIAL)	8402	240	1531	15335	47309
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	71	23	34	41	98
POINT SOURCES	205	61	247	76	69
OPEN BURNING					
AREA SOURCES	27	0	3	53	115
TOTAL (COMM-INST)					
AREA SOURCES	98	23	37	94	213
POINT SOURCES	205	61	247	76	69
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	128	10	27	210	2194
TOTAL (INDUSTRIAL)					
POINT SOURCES	128	10	27	210	2194
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	8500	263	1568	15429	47522
POINT SOURCES	333	71	274	286	2263
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	80059	2826	63258	85415	908459
LIGHT DUTY TRUCKS	23812	1265	26960	33909	311549
HEAVY DUTY VEHICLES	4681	398	12733	15364	241559
OFF HIGHWAY	312	167	3504	9320	117833
TOTAL (GASOLINE)	108864	4656	106455	144008	1579400
DIESEL					
HEAVY DUTY VEHICLES	11426	4761	43519	6200	19149
OFF HIGHWAY	3029	2376	28535	4344	8627
RAIL	805	1821	11809	2869	4155
TOTAL (DIESEL)	15260	8958	83863	13413	31931
AIRCRAFT					
MILITARY	246	16	126	289	596
CIVIL	39	11	208	635	12785
COMMERCIAL	45	103	1077	954	2965
TOTAL (AIRCRAFT)	330	130	1411	1878	16346
VESSELS					
DIESEL FUEL	120	149	1113	279	389
RESIDUAL OIL	34	444	73	4	2

*** B13 ***

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:24 MINNESOTA AQCR:130 METROPOLITAN FARGO-MOORHEAD

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	5	62	39	2	11
NATURAL GAS	1	0	36	2	7
TOTAL (RESIDENTIAL)	6	62	75	4	18
ELEC GENERATION (POINT)					
LIGNITE	12	282	43	1	36
TOTAL (ELEC GEN)	12	282	43	1	36
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	0	2	0	0	0
LIGNITE					
POINT SOURCES	1022	1279	371	4	309
RESIDUAL OIL					
POINT SOURCES	50	656	107	1	10
DISTILLATE OIL					
AREA SOURCES	0	1	2	0	0
NATURAL GAS					
AREA SOURCES	0	0	57	18	7
TOTAL (INDUSTRIAL)					
AREA SOURCES	0	3	59	18	7
POINT SOURCES	1072	1935	478	5	319
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
POINT SOURCES	11	143	21	0	2
DISTILLATE OIL					
AREA SOURCES	0	5	3	0	1
NATURAL GAS					
AREA SOURCES	1	0	26	1	5
TOTAL (COMM-INST)					
AREA SOURCES	1	5	29	1	6
POINT SOURCES	11	143	21	0	2
TOTAL (EXTERNAL COMB)					
AREA SOURCES	7	70	163	23	31
POINT SOURCES	1095	2360	542	6	357
TOTAL (FUEL COMBUSTION)					

```
          HEAVY DUTY VEHICLES          920        467       4188        490       1481
          OFF HIGHWAY                  358        280       3372        514       1019
          RAIL                          61        137        881        212        313
          TOTAL (DIESEL)              1339        884       8441       1216       2813
     AIRCRAFT

        CIVIL                            2          0         22         71       1420
        TOTAL (AIRCRAFT)                 2          0         22         71       1420
     VESSELS

        GASOLINE                         0          8         47       1013       3615
        TOTAL (VESSELS)                  0          8         47       1013       3615

     TOTAL (TRANSPORTATION)           7720       1304      18267      13055     120452
MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                   86          0          7         65        351
     GASOLINE STA EVAP LOSS              0          0          0       1264          0
     SOLVENT EVAPORATION LOSS            0          0          0       4158          0
     UNPAVED ROADS                  153166          0          0          0          0
     TOTAL (MISCELLANEOUS)          153252          0          7       5487        351
GRAND TOTAL
***********

     AREA SOURCES                   162988       1915      20918      22852     132593

     POINT SOURCES                   22502       3547       1928       5610        513

     TOTAL                          185490       5462      22846      28462     133106
```

INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	13	0	132	8	31
TOTAL (ELEC GEN)	13	0	132	8	31
TOTAL (INTERNAL COMB)	13	0	132	8	31
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1749	2590	9994	6630	10916
POINT SOURCES	4212	20712	6260	275	1178
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	0	0	0	500	0
FOOD/AGRICULTURAL	253	19	35	871	6
MINERAL PRODUCTS	588	634	240	12	33
PETROLEUM INDUSTRY	6	195	65	6	7
WOOD PRODUCTS	159	11	73	166	15
ORGANIC SOLVENT EVAPORATION	0	0	0	966	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	647	0
TOTAL (INDUSTRIAL)	1006	859	413	3168	61
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	219	1	6	617	1851
OPEN BURNING	843	31	215	1137	3611
TOTAL (RESIDENTIAL)	1062	32	221	1754	5462
COMMERCIAL-INSTITUTIONAL					
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	1	0	0	2	4
INDUSTRIAL					
OPEN BURNING					
AREA SOURCES	12	0	6	19	65
TOTAL (INDUSTRIAL)					
AREA SOURCES	12	0	6	19	65
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1075	32	227	1775	5531
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3738	163	3510	4065	39180
LIGHT DUTY TRUCKS	1091	66	1244	1334	11330
HEAVY DUTY VEHICLES	381	35	1102	1196	19045
OFF HIGHWAY	16	7	163	435	5510
TOTAL (GASOLINE)	5226	271	6019	7030	75065
DIESEL					

```
*** B17 ***
SELECT CARD = <26    094                                                  45>                  *** B17 ***
```

```
*** B18 ***                                                                                   *** B18 ***
            POINT SOURCES              2020        3        6       37      444
      OPEN BURNING
            AREA SOURCES                  7        0        3       12       40
      TOTAL (INDUSTRIAL)
            AREA SOURCES                  8        0        3       13       42
            POINT SOURCES              2020        3        6       37      444
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               2656       65      351     5753    17521
            POINT SOURCES              2023        3        6       37      446
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES         12526      666    15046    16330   150663
          LIGHT DUTY TRUCKS            5663      439     9242     9420    74951
          HEAVY DUTY VEHICLES           789       85     2812     2650    42488
          OFF HIGHWAY                    43       20      480     1282    16216
          TOTAL (GASOLINE)            19021     1210    27580    29682   284318
       DIESEL

          HEAVY DUTY VEHICLES          2892     1381    12477     1547     4718
          OFF HIGHWAY                   816      634     7651     1165     2313
          RAIL                          135      308     1996      483      699
          TOTAL (DIESEL)               3843     2323    22124     3195     7730
    AIRCRAFT

       MILITARY                         182       12       93      215      442
       CIVIL                              5        1       42      139     2821
       COMMERCIAL                         4       10      103       92      285
       TOTAL (AIRCRAFT)                 191       23      238      446     3548
    VESSELS

       DIESEL FUEL                        7        9       64       16       22
       GASOLINE                           0       49      285     6248    22271
       TOTAL (VESSELS)                    7       58      349     6264    22293

    TOTAL (TRANSPORTATION)            23062     3614    50291    39587   317889
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   4393       34     1036     4957    36144
    STRUCTURAL FIRES                    398        0       33      296     1615
    GASOLINE STA EVAP LOSS                0        0        0     3954        0
    SOLVENT EVAPORATION LOSS              0        0        0    13443        0
    UNPAVED ROADS                    332075        0        0        0        0
    UNPAVED AIRSTRIPS                     6        0        0        0        0
    TOTAL (MISCELLANEOUS)            336872       34     1069    22650    37759
GRAND TOTAL
***********

    AREA SOURCES                     382155     8893    55866   107412   490573

    POINT SOURCES                     66430   237780    36570    33620    20024

    TOTAL                            448585   246673    92436   141032   510597
```

```
*** C01 ***
    INTERNAL COMBUSTION (POINT)                                                                                 *** C01 ***

        ELECTRIC GENERATION

            DISTILLATE OIL                   19            18            459           201           98
            NATURAL GAS                      17             0           5836          1460          784
            TOTAL (ELEC GEN)                 36            18           6295          1661          882

        INDUSTRIAL FUEL

            DISTILLATE OIL                    8             7            110            12           24
            NATURAL GAS                      33             0          55815          7650         7237
            TOTAL (INDUSTRIAL)               41             7          55925          7662         7261

        TOTAL (INTERNAL COMB)                77            25          62220          9323         8143

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES               159           671           5730          1953         1124
                 POINT SOURCES              181            71          70832          9344         8596

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  164             2            636          2830        52147
    FOOD/AGRICULTURAL                     16557             0              0             0            0
    SECONDARY METALS                         21             3              0             0          428
    MINERAL PRODUCTS                        152             1              0             1            0
    PETROLEUM INDUSTRY                       11             1            133            75           12
    PETROLEUM STORAGE/TRANSPORT               0             0              0           327            0
    TOTAL (INDUSTRIAL)                    16905             7            769          3233        52587

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                        472            16            120           635         2010
        TOTAL (RESIDENTIAL)                 472            16            120           635         2010

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                  2             0              0             4            8
        TOTAL (COMM-INST)
                AREA SOURCES                  2             0              0             4            8

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                  6             0              3             9           30
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  6             0              3             9           30

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                480            16            123           648         2048

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            2403           111           2418          2654        26003
            LIGHT DUTY TRUCKS              1446            99           1969          2024        17189
```

```
*** C02 ***                                                                                      *** C02 ***
SELECT CARD = <18    078                                                    45>
```

*** C03 *** *** C03 ***

POINT SOURCES	0	9	5	0	1
NATURAL GAS					
POINT SOURCES	1	0	147	1	14
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
TOTAL (COMM-INST)					
AREA SOURCES	235	1377	336	8	121
POINT SOURCES	132	760	439	6	124
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2422	9462	3566	2359	7969
POINT SOURCES	1052	49159	15782	76	859
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
DISTILLATE OIL	1	5	12	1	3
NATURAL GAS	1	0	12	0	5
TOTAL (INDUSTRIAL)	2	5	24	1	8
TOTAL (INTERNAL COMB)	2	5	24	1	8
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2422	9462	3566	2359	7969
POINT SOURCES	1054	49164	15806	77	867
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	19	0	0	668	0
FOOD/AGRICULTURAL	2	0	0	4205	0
SECONDARY METALS	11	0	0	0	0
MINERAL PRODUCTS	130	20	16	759	13
ORGANIC SOLVENT EVAPORATION	0	0	0	160	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	348	0
METAL FABRICATION	1	0	0	0	0
OTHER/NOT CLASSIFIED	0	0	0	3	0
TOTAL (INDUSTRIAL)	163	20	16	6143	13
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	22	0	0	63	199
OPEN BURNING	966	36	246	1305	4136
TOTAL (RESIDENTIAL)	988	36	246	1368	4335
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	14	4	6	8	28
POINT SOURCES	3	2	1	1	5
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	15	4	6	10	32
POINT SOURCES	3	2	1	1	5
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	28	3	3	27	46
POINT SOURCES	57	4	5	4	10

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT
STATE 19:LOUISIANA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	0	8	4	0	0
NATURAL GAS	133	18	4349	229	868
WOOD	7261	74	579	15068	44796
TOTAL (RESIDENTIAL)	7394	100	4932	15297	45664
ELEC GENERATION (POINT)					
BITUMINOUS COAL	223	9031	18309	38	323
RESIDUAL OIL	1136	9523	10767	62	419
DISTILLATE OIL	35	484	8140	2	57
NATURAL GAS	683	773	112773	377	8729
TOTAL (ELEC GEN)	2077	19811	149989	479	9528
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	1326	8298	2753	5	350
RESIDUAL OIL					
POINT SOURCES	2568	28347	15418	88	1276
DISTILLATE OIL					
AREA SOURCES	174	1788	2017	66	479
POINT SOURCES	1084	21939	5461	50	976
NATURAL GAS					
AREA SOURCES	16	1	15339	6130	2090
POINT SOURCES	2411	723	141080	849	11991
PROCESS GAS					
POINT SOURCES	784	1720	1439	37	315
WOOD					
POINT SOURCES	4748	836	3483	2154	6195
BAGASSE					
POINT SOURCES	7263	1	1282	3007	2115
OTHER					
POINT SOURCES	602	0	0	1	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	1516	10087	20109	6201	2919
POINT SOURCES	19460	53566	168163	6186	22868
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	6115	113781	17890	356	1624
POINT SOURCES	298	816	1152	2	21
DISTILLATE OIL					

POINT SOURCES	94	0	27	1	0
TOTAL (COMM-INST)					
POINT SOURCES	94	0	27	1	0
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	2309	6524	1697	568	2644
OPEN BURNING					
POINT SOURCES	99	0	23	139	812
TOTAL (INDUSTRIAL)					
POINT SOURCES	2408	6524	1720	707	3456
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	4636	152	1001	7427	23163
POINT SOURCES	3463	6724	1907	828	6259
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	59387	2347	46702	54489	539503
LIGHT DUTY TRUCKS	17815	1008	18311	19751	170021
HEAVY DUTY VEHICLES	4081	341	10431	12575	199020
OFF HIGHWAY	201	106	2222	5903	74639
TOTAL (GASOLINE)	81484	3802	77666	92718	983183
DIESEL					
HEAVY DUTY VEHICLES	9661	4190	38215	5223	16062
OFF HIGHWAY	3383	2649	31828	4846	9623
RAIL	1309	2971	19295	4686	6781
TOTAL (DIESEL)	14353	9810	89338	14755	32466
AIRCRAFT					
MILITARY	923	59	474	1084	2239
CIVIL	24	12	117	356	7186
COMMERCIAL	56	130	1346	1192	3704
TOTAL (AIRCRAFT)	1003	201	1937	2632	13129
VESSELS					
DIESEL FUEL	1348	1689	12580	3145	4398
RESIDUAL OIL	1334	17572	2886	172	96
GASOLINE	0	101	598	13163	46924
TOTAL (VESSELS)	2682	19362	16064	16480	51418
TOTAL (TRANSPORTATION)	99522	33175	185005	126585	1080196
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	235	0	55	264	1934
FOREST MANAGED BURNING	3400	24	680	2431	19031
AGRICULTURAL BURNING	12157	0	1723	11208	80794
STRUCTURAL FIRES	782	0	75	583	3181
GASOLINE STA EVAP LOSS	0	0	0	15762	0
SOLVENT EVAPORATION LOSS	0	0	0	33913	0
UNPAVED ROADS	181527	0	0	0	0
TOTAL (MISCELLANEOUS)	198101	24	2533	64161	104940
GRAND TOTAL					

```
*** C06 ***
SELECT CARD = <20    109                                                45>                    *** C06 ***
```

```
*** C07 ***
SELECT CARD = <21    047                                        45>                *** C07
```

```
*** C08 ***
*********************                                                                                   *** C08 ***
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           3983         313        6696        5814       48639
            LIGHT DUTY TRUCKS             1238         130        2631        2225       16224
            HEAVY DUTY VEHICLES            272          36        1298         971       15897
            OFF HIGHWAY                     15           8         165         438        5528
            TOTAL (GASOLINE)              5508         487       10790        9448       86288
        DIESEL

            HEAVY DUTY VEHICLES            884         536        4744         457        1356
            OFF HIGHWAY                    148         116        1396         212         420
            RAIL                            23          52         339          82         118
            TOTAL (DIESEL)                1055         704        6479         751        1894
    AIRCRAFT

        CIVIL                                1           0          13          39         788
        TOTAL (AIRCRAFT)                     1           0          13          39         788
    VESSELS

        GASOLINE                             0          33         198        4348       15501
        TOTAL (VESSELS)                      0          33         198        4348       15501

    TOTAL (TRANSPORTATION)                6564        1224       17480       14586      104471
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       475           4         113         537        3917
    AGRICULTURAL BURNING                    45           0           6          42         302
    STRUCTURAL FIRES                       525           0          49         391        2130
    GASOLINE STA EVAP LOSS                   0           0           0        1366           0
    SOLVENT EVAPORATION LOSS                 0           0           0        3900           0
    UNPAVED ROADS                         7658           0           0           0           0
    TOTAL (MISCELLANEOUS)                 8703           4         168        6236        6349
GRAND TOTAL
***********

    AREA SOURCES                         21926        2022       19322       34017      150107

    POINT SOURCES                         1788        2422        1937        1911         330

    TOTAL                                23714        4444       21259       35928      150437
```

```
*** C09 ***
SELECT CARD = <22    042                                                    45>                    *** C09 ***
```

*** C10 ***

*** C10 ***

POINT SOURCES	112	1485	710	150	65
DISTILLATE OIL					
AREA SOURCES	135	1948	1353	20	338
POINT SOURCES	10	197	61	34	15
NATURAL GAS					
AREA SOURCES	41	8	1350	72	270
POINT SOURCES	1	0	57	1	13
TOTAL (COMM-INST)					
AREA SOURCES	849	6159	4300	121	745
POINT SOURCES	123	1682	828	185	93
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4217	12644	10929	6006	18882
POINT SOURCES	4578	101951	32273	6918	2512
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	34	132	468	32	104
NATURAL GAS	1	0	20	1	6
TOTAL (ELEC GEN)	35	132	488	33	110
TOTAL (INTERNAL COMB)	35	132	488	33	110
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4217	12644	10929	6006	18882
POINT SOURCES	4613	102083	32761	6951	2622
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	35	0	1	455	0
FOOD/AGRICULTURAL	2	0	0	1	5
SECONDARY METALS	1058	0	0	0	0
MINERAL PRODUCTS	15	0	0	0	0
ORGANIC SOLVENT EVAPORATION	65	0	0	22618	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	5738	0
METAL FABRICATION	0	0	0	93	0
TEXTILE MANUFACTURING	0	0	0	1496	0
OTHER/NOT CLASSIFIED	6	0	0	5107	0
TOTAL (INDUSTRIAL)	1181	0	1	35508	5
SOLID WASTE DISPOSAL *******************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1586	25	50	4460	13379
TOTAL (RESIDENTIAL)	1586	25	50	4460	13379
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	212	67	100	123	290
POINT SOURCES	3	1	1	1	4
TOTAL (COMM-INST)					
AREA SOURCES	212	67	100	123	290
POINT SOURCES	3	1	1	1	4
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	34	7	7	31	45
POINT SOURCES	1	0	0	0	1

SELECT CARD = <23 082 45>

```
*** C12 ***
                                                                                                   *** C12 ***
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                      RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:23 MICHIGAN      AQCR:124 METROPOLITAN TOLEDO   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                          PARTICULATES         SOX            NOX            VOC            CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            3               5              1              2             15
         DISTILLATE OIL             8              88             55              2             15
         NATURAL GAS                7               1            237             13             47
         WOOD                     363               4             29            753           2239
         TOTAL (RESIDENTIAL)      381              98            322            770           2316
      ELEC GENERATION (POINT)

         BITUMINOUS COAL         5068          291127          79393            382           2505
         DISTILLATE OIL            20             219            171              5             24
         TOTAL (ELEC GEN)        5088          291346          79564            387           2529
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES         731            3681           1113             74            149
         DISTILLATE OIL
            POINT SOURCES           0               0              1              0              0
         NATURAL GAS
            AREA SOURCES            1               0            394            141             52
            POINT SOURCES           3               0             40              1              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1               0            394            141             52
            POINT SOURCES         734            3681           1154             75            153
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES            0               2              1              0              0
         BITUMINOUS COAL
            AREA SOURCES            3              12              4              0              2
         RESIDUAL OIL
            AREA SOURCES            1               4              2              0              0
         DISTILLATE OIL
            AREA SOURCES            1              16             11              0              3
         NATURAL GAS
            AREA SOURCES            2               0             66              3             13
         TOTAL (COMM-INST)
            AREA SOURCES            7              34             84              3             18
      TOTAL (EXTERNAL COMB)
            AREA SOURCES          389             132            800            914           2386
```

```
*** C13 ***                                                                                         *** C13 ***
        GASOLINE                           0           123          717         15730         56054
        TOTAL (VESSELS)                  154           716         1903         16013         56445

    TOTAL (TRANSPORTATION)            124608         14460       193632        175312       1684122

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    6276            59         1475          7084         51664
    STRUCTURAL FIRES                    1092             0           95           814          4423
    GASOLINE STA EVAP LOSS                 0             0            0         17863             0
    SOLVENT EVAPORATION LOSS               0             0            0         63723             0
    UNPAVED ROADS                     893261             0            0             0             0
    UNPAVED AIRSTRIPS                      3             0            0             0             0
    TOTAL (MISCELLANEOUS)             900632            59         1570         89484         56087
GRAND TOTAL
***********

    AREA SOURCES                     1061998         20133       227619        343301       1962226

    POINT SOURCES                     140629        210854       163613         72795         36887

    TOTAL                            1202627        230987       391232        416096       1999113
```

```
*** C14 ***                                                                                   *** C14 ***
                AREA SOURCES                   7         70        163         23         31
                POINT SOURCES               1095       2360        542          6        357
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                        267          0          0          0          0
    MINERAL PRODUCTS                           6          1          0          1          0
    PETROLEUM STORAGE/TRANSPORT                0          0          0       1361          0
    TOTAL (INDUSTRIAL)                       273          1          0       1362          0
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  35          1          1         99        297
        OPEN BURNING                          33          1          9         45        143
        TOTAL (RESIDENTIAL)                   68          2         10        144        440

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  68          2         10        144        440
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             1042         37        847       1182      12480
            LIGHT DUTY TRUCKS                346         17        354        486       4578
            HEAVY DUTY VEHICLES               87          7        213        280       4380
            OFF HIGHWAY                        2          1         28         74        934
            TOTAL (GASOLINE)                1477         62       1442       2022      22372
        DIESEL

            HEAVY DUTY VEHICLES              240        100        914        130        402
            OFF HIGHWAY                       30         24        285         43         86
            RAIL                              10         22        142         35         50
            TOTAL (DIESEL)                   280        146       1341        208        538
    AIRCRAFT

        CIVIL                                  1          0          2          7        139
        TOTAL (AIRCRAFT)                       1          0          2          7        139
    VESSELS

        GASOLINE                               0          0          1         22         77
        TOTAL (VESSELS)                        0          0          1         22         77

    TOTAL (TRANSPORTATION)                  1758        208       2786       2259      23126
MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                          13          0          1         10         54
    GASOLINE STA EVAP LOSS                     0          0          0          1          0
    SOLVENT EVAPORATION LOSS                   0          0          0        465          0
    UNPAVED ROADS                          19876          0          0          0          0
    TOTAL (MISCELLANEOUS)                  19889          0          1        476         54
GRAND TOTAL
***********
```

```
*** C15 ***
SELECT CARD = <25                                                                    *** C15 ***
                                                          25>
```

HEAVY DUTY VEHICLES	789	366	3310	422	1294
OFF HIGHWAY	541	423	5097	775	1540
RAIL	72	160	1032	250	364
TOTAL (DIESEL)	1402	949	9439	1447	3198
AIRCRAFT					
MILITARY	30	2	16	36	74
CIVIL	7	2	33	101	2003
COMMERCIAL	1	3	31	28	87
TOTAL (AIRCRAFT)	38	7	80	165	2164
VESSELS					
DIESEL FUEL	35	46	342	87	121
GASOLINE	0	16	97	2098	7476
TOTAL (VESSELS)	35	62	439	2185	7597
TOTAL (TRANSPORTATION)	6701	1289	15977	10827	88024
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	7	0	1	7	51
AGRICULTURAL BURNING	3517	0	498	3242	23369
STRUCTURAL FIRES	194	0	17	144	783
GASOLINE STA EVAP LOSS	0	0	0	1265	0
SOLVENT EVAPORATION LOSS	0	0	0	3370	0
UNPAVED ROADS	78274	0	0	0	0
UNPAVED AIRSTRIPS	12	0	0	0	0
TOTAL (MISCELLANEOUS)	82004	0	516	8028	24203
GRAND TOTAL ***********					
AREA SOURCES	91529	3911	26714	27260	128674
POINT SOURCES	5218	21571	6673	3443	1239
TOTAL	96747	25482	33387	30703	129913

```
*** C17 ***
                                                                                                              *** C17 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:26 MISSOURI       AQCR:094 METROPOLITAN KANSAS CITY           AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                              PARTICULATES      SOX           NOX           VOC           CO
                              ************  ************  ************  ************  ************
                               TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

     RESIDENTIAL FUEL (AREA)

        BITUMINOUS COAL              1             3             0            12             3
        DISTILLATE OIL               3            46            28             8             8
        NATURAL GAS                 54             9          1807           194           361
        WOOD                       346             3            28           420          2134
        TOTAL (RESIDENTIAL)        404            61          1863           634          2506

     ELEC GENERATION (POINT)

        BITUMINOUS COAL          17271        151370         61469           339          3272
        RESIDUAL OIL                11           500           235             3             8
        DISTILLATE OIL               0            18             5             0             1
        NATURAL GAS                 73           748          1913            24           131
        TOTAL (ELEC GEN)         17355        152636         63622           366          3412

     INDUSTRIAL FUEL

        BITUMINOUS COAL
           AREA SOURCES           1071          9058          1670            85           214
        RESIDUAL OIL
           AREA SOURCES              0             0             0             7             0
           POINT SOURCES           229          2377           845             4            76
        DISTILLATE OIL
           AREA SOURCES             16           156           178             7            43
           POINT SOURCES             0             1             2             0             0
        NATURAL GAS
           POINT SOURCES            68             7          2322            70           339
        PROCESS GAS
           POINT SOURCES            15          1840           213             4            53
        LIQUID PETROL GAS
           POINT SOURCES             2             0            12             0             3
        OTHER
           POINT SOURCES            44             7           786            42           158
        TOTAL (INDUSTRIAL)
           AREA SOURCES           1087          9214          1848            99           257
           POINT SOURCES           358          4232          4180           120           629

     COMM-INSTITUTIONAL FUEL

        BITUMINOUS COAL
           AREA SOURCES             92           514            63             1            39
        RESIDUAL OIL
           AREA SOURCES             24           300            69            10             6
           POINT SOURCES             1             2             1             1             1
```

```
*** C18 ***
SELECT CARD = <27                                                                    *** C18 ***
                                                            25>
```

```
*** D01 ***                                                                                  *** D01 ***
          HEAVY DUTY VEHICLES              337          34        1157        1119       17920
          OFF HIGHWAY                        4           3          91         246        3112
          TOTAL (GASOLINE)                4190         247        5635        6043       64224
      DIESEL

          HEAVY DUTY VEHICLES             1316         597        5439         707        2171
          OFF HIGHWAY                      190         145        1769         270         534
          RAIL                             139         315        2030         495         714
          TOTAL (DIESEL)                  1645        1057        9238        1472        3419
    AIRCRAFT

        CIVIL                                3           0          34         107        2081
        TOTAL (AIRCRAFT)                     3           0          34         107        2081
    VESSELS

        GASOLINE                             0           1           8         177         635
        TOTAL (VESSELS)                      0           1           8         177         635

    TOTAL (TRANSPORTATION)                5838        1305       14915        7799       70359
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       541           0         130         616        4476
    STRUCTURAL FIRES                        45           0           2          34         177
    GASOLINE STA EVAP LOSS                   0           0           0         706           0
    SOLVENT EVAPORATION LOSS                 0           0           0        1802           0
    UNPAVED ROADS                       259722           0           0           0           0
    UNPAVED AIRSTRIPS                        4           0           0           0           0
    TOTAL (MISCELLANEOUS)               260312           0         132        3158        4653
GRAND TOTAL
***********

    AREA SOURCES                        266789        1992       20900       13558       78184

    POINT SOURCES                        17086          78       71601       12577       61183

    TOTAL                               283875        2070       92501       26135      139367
```

```
*** D02 ***
                                                                                                  *** D02 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************
STATE:18 KENTUCKY          AQCR:078 LOUISVILLE                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
                                                             AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                PARTICULATES        SOX            NOX            VOC             CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              1              2              0              1              7
            BITUMINOUS COAL             20             76              4             14            122
            DISTILLATE OIL               5             53             33              1              9
            NATURAL GAS                 32              6           1061             56            212
            WOOD                       486              5             38           1010           3002
            TOTAL (RESIDENTIAL)        544            142           1136           1082           3352

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           1502          90857          27699            116            997
            DISTILLATE OIL               0              3             17              0              5
            NATURAL GAS                  0              0            679              2             49
            TOTAL (ELEC GEN)          1502          90860          28395            118           1051

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          1375          10329           2855             10            368
                POINT SOURCES           89           1066           1500             22            398
            RESIDUAL OIL
                AREA SOURCES             5             66             15              0              1
                POINT SOURCES            3             49             26              0              2
            DISTILLATE OIL
                AREA SOURCES            45            452            511             17            121
                POINT SOURCES            2             61             21              0              5
            NATURAL GAS
                AREA SOURCES             0              0            190             75             26
                POINT SOURCES            6              2            515              6             63
            WOOD
                POINT SOURCES           17              3             30             34             80
            LIQUID PETROL GAS
                POINT SOURCES            0              0              1              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES          1425          10847           3571            102            516
                POINT SOURCES          117           1181           2093             62            548

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            44            144             52              0              3
            BITUMINOUS COAL
                AREA SOURCES           304           1499            278             13            166
```

OPEN BURNING					
AREA SOURCES	23	0	10	35	120
TOTAL (INDUSTRIAL)					
AREA SOURCES	51	3	13	62	166
POINT SOURCES	57	4	5	4	10
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1054	43	265	1440	4533
POINT SOURCES	60	6	6	5	15
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8358	343	7612	9275	91883
LIGHT DUTY TRUCKS	2671	159	3139	3433	29785
HEAVY DUTY VEHICLES	831	72	2313	2674	42277
OFF HIGHWAY	27	11	285	758	9564
TOTAL (GASOLINE)	11887	585	13349	16140	173509
DIESEL					
HEAVY DUTY VEHICLES	1084	462	4200	590	1815
OFF HIGHWAY	223	174	2102	319	636
RAIL	255	579	3756	910	1320
TOTAL (DIESEL)	1562	1215	10058	1819	3771
AIRCRAFT					
MILITARY	8	1	4	10	20
CIVIL	2	1	13	47	953
COMMERCIAL	4	10	107	94	293
TOTAL (AIRCRAFT)	14	12	124	151	1266
VESSELS					
GASOLINE	0	0	2	61	220
TOTAL (VESSELS)	0	0	2	61	220
TOTAL (TRANSPORTATION)	13463	1812	23533	18171	178766
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	536	4	127	605	4404
STRUCTURAL FIRES	130	0	9	95	525
GASOLINE STA EVAP LOSS	0	0	0	2704	0
SOLVENT EVAPORATION LOSS	0	0	0	7525	0
UNPAVED ROADS	3984	0	0	0	0
TOTAL (MISCELLANEOUS)	4650	4	136	10929	4929
GRAND TOTAL					
***********					
AREA SOURCES	21589	11321	27500	32899	196197
POINT SOURCES	1277	49190	15828	6225	895
TOTAL	22866	60511	43328	39124	197092

```
*** D04 ***                                                                                  *** D04 ***
            POINT SOURCES              20          794          201            2           51
        NATURAL GAS
            AREA SOURCES               53            7         1980          100          395
            POINT SOURCES               0            0           19            0            4
        TOTAL (COMM-INST)
            AREA SOURCES             6168       113788        19870          456         2019
            POINT SOURCES             318         1610         1372            4           76

     TOTAL (EXTERNAL COMB)
            AREA SOURCES            15078       123975        44911        21954        50602
            POINT SOURCES           21855        74987       319524         6669        32472
  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                 49         1466          592           22          167
        NATURAL GAS                    47           15         6276           88          349
        TOTAL (ELEC GEN)               96         1481         6868          110          516
     INDUSTRIAL FUEL

        DISTILLATE OIL                  5          100          108            7           24
        NATURAL GAS                  1019          180        88803         9005        15706
        TOTAL (INDUSTRIAL)           1024          280        88911         9012        15730
     TOTAL (INTERNAL COMB)           1120         1761        95779         9122        16246
  TOTAL (FUEL COMBUSTION)

            AREA SOURCES            15078       123975        44911        21954        50602
            POINT SOURCES           22975        76748       415303        15791        48718
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING          22934        28473        17973       167954       750455
    FOOD/AGRICULTURAL                6376          287          303           11           58
    PRIMARY METAL                   21101         6138            0         6000        51659
    SECONDARY METALS                 1360         3232         1320           26         1385
    MINERAL PRODUCTS                16451         9775         3833          337         9724
    PETROLEUM INDUSTRY               6194        76433        55705        50050        65837
    WOOD PRODUCTS                   11290        10134         2944         1960        59245
    ORGANIC SOLVENT EVAPORATION        13            0            0         9010            0
    PETROLEUM STORAGE/TRANSPORT         0            0            0        35603            0
    METAL FABRICATION                  39            0            0            0            0
    OTHER/NOT CLASSIFIED              978         5957         1750         3913          277
    TOTAL (INDUSTRIAL)              86736       140429        83828       274864       938640
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION         961          200          160          120         2803
       TOTAL (GOVERNMENT)             961          200          160          120         2803
    RESIDENTIAL (AREA)

       ON SITE INCINERATION          1039           10           25         2921         8766
       OPEN BURNING                  5551          212         1420         7490        23751
       TOTAL (RESIDENTIAL)           6590          222         1445        10411        32517
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
```

```
*** D05 ***
***********                                                                                              *** D05 ***
    AREA SOURCES                     312386        133079        224210        211913       1237106
    POINT SOURCES                     96793        203263        415053        275238        945413
    TOTAL                            409179        336342        639263        487151       2182519
```

```
*** D06 ***
                                                                                                  *** D06 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************
                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:20 MAINE          AQCR:109 DOWN EAST             AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                      POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            2              5             0             2            16
         DISTILLATE OIL            60            698           438            17           121
         NATURAL GAS                0              0            22             1             4
         WOOD                    4548             48           359          9445         28070
         TOTAL (RESIDENTIAL)     4610            751           819          9465         28211
      ELEC GENERATION (POINT)

         RESIDUAL OIL              42            579           109             1             8
         TOTAL (ELEC GEN)          42            579           109             1             8
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            0              5             1             0             0
         BITUMINOUS COAL
            AREA SOURCES           77            834           207             1            26
         RESIDUAL OIL
            POINT SOURCES        2426          38225          5537            29           503
         DISTILLATE OIL
            AREA SOURCES            4             48            54             1            12
            POINT SOURCES           1             67            27             0             7
         NATURAL GAS
            AREA SOURCES            0              0            13             0             3
         COKE
            AREA SOURCES            1              2             1             0             0
         WOOD
            POINT SOURCES         785             39           447           506          1192
         TOTAL (INDUSTRIAL)
            AREA SOURCES           82            889           276             2            41
            POINT SOURCES        3212          38331          6011           535          1702
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES           24             84            30             0             1
         RESIDUAL OIL
            POINT SOURCES          50            657           111             2            10
         DISTILLATE OIL
            AREA SOURCES           13            193           134             1            34
            POINT SOURCES           1             43             6             0
```

```
*** D07 ***                                                                                    *** D07

                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:   MONDAY  NOVEMBER 28, 1
STATE:21 MARYLAND        AQCR:047 NATIONAL CAPITAL           AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1
                                                            POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1

                          PARTICULATES        SOX            NOX            VOC            CO
                          ************   ************   ************   ************   ************
                          TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             0              0              0              0              2
         BITUMINOUS COAL             5             20              1              3             29
         DISTILLATE OIL             81            933            583             23            162
         NATURAL GAS                45              9           1517             81            304
         WOOD                     2867             30            227           5953          17693
         TOTAL (RESIDENTIAL)      2998            992           2328           6060          18190

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          2297          77773          23622            307           1025
         RESIDUAL OIL              865            692           3531             71            353
         DISTILLATE OIL             10           4362            612              5             27
         TOTAL (ELEC GEN)         3172          82827          27765            383           1405

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           11             52             52              0              5
         DISTILLATE OIL
            AREA SOURCES             6             59             67              2             15
            POINT SOURCES            3             13             25              0              6
         NATURAL GAS
            AREA SOURCES             3              0            547            147             67
            POINT SOURCES            0              0              4              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             9             59            614            149             82
            POINT SOURCES           14             65             81              0             12

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES            14             48             17              0              1
         RESIDUAL OIL
            POINT SOURCES           80           2540           1048             20             92
         DISTILLATE OIL
            AREA SOURCES             0              3              3              0              0
            POINT SOURCES           37             28            370              6             93
         NATURAL GAS
            AREA SOURCES            11              2            382             20             77
         TOTAL (COMM-INST)
            AREA SOURCES            25             53            402             20             78
            POINT SOURCES          117           2568           1418             26            185
```

```
*** D08 ***
SELECT CARD = <21    115                                                              *** D08 ***
                                                                   45>
```

```
*** D09 ***
                                                                                              *** D09 ***
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:22 MASSACHUSETTS   AQCR:042 HARTFORD-NEW HAVEN-SPRINGFIELD    AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                               PARTICULATES        SOX          NOX          VOC           CO
                               ************   ************ ************ ************ ************
                                TONS / YR      TONS / YR    TONS / YR    TONS / YR    TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              4             11            1            4           36
         DISTILLATE OIL             106           1224          765           30          213
         NATURAL GAS                 14              3          477           25           95
         WOOD                      7877             83          622        16356        48612
         TOTAL (RESIDENTIAL)       8001           1321         1865        16415        48956
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            798            705          186            1           67
         RESIDUAL OIL               527          17732         3979           43          223
         NATURAL GAS                  4              2         1686            5           69
         TOTAL (ELEC GEN)          1329          18439         5851           49          359
      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES           32            308           77            0           10
              POINT SOURCES          27            241           84            1            3
         RESIDUAL OIL
              POINT SOURCES         460           6214         1493         7005          165
         DISTILLATE OIL
              AREA SOURCES           10            102          115            4           27
              POINT SOURCES           6            164           61         1353            7
         NATURAL GAS
              AREA SOURCES            1              0           66           10            7
              POINT SOURCES           3              1          404          619           42
         PROCESS GAS
              POINT SOURCES           1              0           13            0            1
         WOOD
              POINT SOURCES          62             12           76           16           16
         OTHER
              POINT SOURCES           0              1            9          332            1
         TOTAL (INDUSTRIAL)
              AREA SOURCES           43            410          258           14           44
              POINT SOURCES         559           6633         2140         9326          235
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
              AREA SOURCES           36            120           43            0            3
         BITUMINOUS COAL
              POINT SOURCES         320            780          150            1          120
```

```
*** D10 ***                                                                                         *** D10 ***
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 34            7             7            31            45
              POINT SOURCES                 1            0             0             0             1
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               1832           99           157          4614         13714
              POINT SOURCES                 4            1             1             1             5
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            73305         2035         44208         68700        764254
         LIGHT DUTY TRUCKS               8381          318          6317          9519         94543
         HEAVY DUTY VEHICLES             2846          183          5319          8671        134596
         OFF HIGHWAY                      147           79          1634          4347         54956
         TOTAL (GASOLINE)               84679         2615         57478         91237       1048349
      DIESEL

         HEAVY DUTY VEHICLES             5280         1917         17798          2903          9063
         OFF HIGHWAY                      120           94          1126           172           340
         RAIL                              41           92           599           146           211
         TOTAL (DIESEL)                  5441         2103         19523          3221          9614
   AIRCRAFT

      MILITARY                            114            7            58           134           276
      CIVIL                                11            6            46           143          2874
      COMMERCIAL                           68          157          1632          1447          4495
      TOTAL (AIRCRAFT)                    193          170          1736          1724          7645
   VESSELS

      DIESEL FUEL                          31           39           289            72           101
      RESIDUAL OIL                         77         1021           168            10             6
      GASOLINE                              0           14            77          1692          6032
      TOTAL (VESSELS)                     108         1074           534          1774          6139

   TOTAL (TRANSPORTATION)               90421         5962         79271         97956       1071747
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       356            3            84           402          2931
   STRUCTURAL FIRES                       879            0            83           657          3576
   GASOLINE STA EVAP LOSS                   0            0             0          6075             0
   SOLVENT EVAPORATION LOSS                 0            0             0         49463             0
   UNPAVED ROADS                         2307            0             0             0             0
   TOTAL (MISCELLANEOUS)                 3542            3           167         56597          6507
GRAND TOTAL
***********

   AREA SOURCES                        100012        18708         90524        165173       1110850

   POINT SOURCES                         5798       102084         32763         42460          2632

   TOTAL                               105810       120792        123287        207633       1113482
```

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*** D11 ***
                                                                                                   *** D11 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************
                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************
                                                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:23 MICHIGAN       AQCR:082 SOUTH BEND-ELKHART-BENTON HARB  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES      SOX           NOX           VOC            CO
                             ************  ************  ************  ************  ************
                              TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              4             6             0             1            18
         DISTILLATE OIL              23           270           168             6            48
         NATURAL GAS                 14             3           463            25            93
         WOOD                      1847            20           146          3835         11397
         TOTAL (RESIDENTIAL)       1888           299           777          3867         11556
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           233           718           261            17            34
         NATURAL GAS
            AREA SOURCES              3             0          1030           370           135
         TOTAL (INDUSTRIAL)
            AREA SOURCES              3             0          1030           370           135
            POINT SOURCES           233           718           261            17            34
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              1             4             1             0             0
         BITUMINOUS COAL
            AREA SOURCES             10            35            12             0             7
         RESIDUAL OIL
            AREA SOURCES              1            10             4             0             0
         DISTILLATE OIL
            AREA SOURCES              3            43            30             0             7
         NATURAL GAS
            AREA SOURCES              6             1           190            10            38
         TOTAL (COMM-INST)
            AREA SOURCES             21            93           237            10            52
      TOTAL (EXTERNAL COMB)
            AREA SOURCES           1912           392          2044          4247         11743
            POINT SOURCES           233           718           261            17            34
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES           1912           392          2044          4247         11743
            POINT SOURCES           233           718           261            17            34
INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** D12 ***
                    POINT SOURCES            5822        295027        80718         462        2682   *** D12 ***
      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                      8            60          112           3           9
            TOTAL (ELEC GEN)                    8            60          112           3           9

         TOTAL (INTERNAL COMB)                  8            60          112           3           9

      TOTAL (FUEL COMBUSTION)

                    AREA SOURCES              389           132          800         914        2386
                    POINT SOURCES            5830        295087        80830         465        2691
   INDUSTRIAL PROCESS (POINT)
   **************************

      PRIMARY METAL                             0             0            0          52           0
      SECONDARY METALS                          4             1            1           0         140
      MINERAL PRODUCTS                       1501          8812         2295          37          35
      ORGANIC SOLVENT EVAPORATION               2             0            0         712           0
      PETROLEUM STORAGE/TRANSPORT               0             0            0         261           0
      TOTAL (INDUSTRIAL)                     1507          8813         2296        1062         175
   SOLID WASTE DISPOSAL
   ********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION                  76             1            2         212         637
         OPEN BURNING                         141             5           36         190         603
         TOTAL (RESIDENTIAL)                  217             6           38         402        1240
      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES                  15             5            7           9          20
         OPEN BURNING
                 AREA SOURCES                   1             0            0           2           4
         TOTAL (COMM-INST)
                 AREA SOURCES                  16             5            7          11          24
      INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES                   1             0            0           1           2
         OPEN BURNING
                 AREA SOURCES                   2             0            1           3          10
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                   3             0            1           4          12

      TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                 236            11           46         417        1276
   TRANSPORTATION (AREA)
   *********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES              1686           100         2180        2077       19517
            LIGHT DUTY TRUCKS                 528            42          908         865        7030
            HEAVY DUTY VEHICLES                81             9          318         282        4541
```

```
SELECT CARD = <24    127                                    45>
```

AREA SOURCES	21722	280	2960	2902	23651
POINT SOURCES	1368	2361	542	1368	357
TOTAL	23090	2641	3502	4270	24008

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                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE EMISSIONS REPORT
**************************
STATE 25:MISSISSIPPI                                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
                                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC            CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              0               8              4              0              0
            NATURAL GAS                50               2           1908            100            382
            WOOD                    11876             123            942          24645          73250
            TOTAL (RESIDENTIAL)     11926             133           2854          24745          73632

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          8231           85135          28383            142           2223
            RESIDUAL OIL             5883           24336           3933            199           1124
            DISTILLATE OIL             18              66             41             10             42
            NATURAL GAS               298              30          20848            276           1275
            TOTAL (ELEC GEN)        14430          109567          53205            625           4664

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          385            4287           1066              1            136
            RESIDUAL OIL
                POINT SOURCES        1721           30259           4260            666           1103
            DISTILLATE OIL
                AREA SOURCES           46             501            563              8            130
                POINT SOURCES         298            8949           1115            474            938
            NATURAL GAS
                AREA SOURCES          129              19          63550          24062           8497
                POINT SOURCES         121            1913          10781           3216           7040
            WOOD
                POINT SOURCES        1270            4370           6172           8288           4640
            TOTAL (INDUSTRIAL)
                AREA SOURCES          560            4807          65179          24071           8763
                POINT SOURCES        3410           45491          22328          12644          13721

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES         1090           17556           3203             57            292
            DISTILLATE OIL
                AREA SOURCES            3              90             68              0             11
            NATURAL GAS
                AREA SOURCES           19               1            985             44            197
            TOTAL (COMM-INST)
                AREA SOURCES         1112           17647           4256            101            500

    TOTAL (EXTERNAL COMB)
```

```
SELECT CARD = <25    135                                                                    45>
STATE 25 COUNTY 0200 NOT FOUND IN POINT FILE
STATE 25 COUNTY 0340 NOT FOUND IN POINT FILE
STATE 25 COUNTY 0400 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1240 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1860 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2000 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2100 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2340 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2600 NOT FOUND IN POINT FILE
STATE 25 COUNTY 3000 NOT FOUND IN POINT FILE
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*** D17 ***                                                                                    *** D17 ***
          DISTILLATE OIL
               AREA SOURCES                16           247           173            30            44
          NATURAL GAS
               AREA SOURCES                23             5           772            68           154
          TOTAL (COMM-INST)
               AREA SOURCES               155          1066          1077           109           243
               POINT SOURCES                1             2             1             1             1

      TOTAL (EXTERNAL COMB)
               AREA SOURCES              1646         10341          4788           842          3006
               POINT SOURCES            17714        156870         67803           487          4042

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    4            16            52             2            11
          NATURAL GAS                       1             1             1             0             1
          TOTAL (ELEC GEN)                  5            17            53             2            12

      TOTAL (INTERNAL COMB)                 5            17            53             2            12

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES               1646         10341          4788           842          3006
              POINT SOURCES             17719        156887         67856           489          4054
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                26             0             0            21             0
     FOOD/AGRICULTURAL                   4881             1             5             1             1
     SECONDARY METALS                       1             6             0             8           374
     MINERAL PRODUCTS                    8146         14309          3398            15            38
     PETROLEUM INDUSTRY                   789         18247          3515          1726            98
     ORGANIC SOLVENT EVAPORATION           45             0             0         46950             0
     PETROLEUM STORAGE/TRANSPORT            0             0             0          2893             0
     METAL FABRICATION                    100             0             0            40             0
     OTHER/NOT CLASSIFIED                  29             2             7             2             2
     TOTAL (INDUSTRIAL)                 14017         32565          6925         51656           513
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            249            21            25            12           290
        TOTAL (GOVERNMENT)                249            21            25            12           290

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             2583            40            80          7266         21801
        OPEN BURNING                     3273           122           839          4417         14008
        TOTAL (RESIDENTIAL)              5856           162           919         11683         35809

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES               2             0             1             1             2
        OPEN BURNING
                 AREA SOURCES               7             0             2            14            33
        TOTAL (COMM-INST)
                 AREA SOURCES               9             0             3            15            35

    INDUSTRIAL
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT
STATE 27:MONTANA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	127	341	18	86	768
DISTILLATE OIL	9	249	102	0	26
NATURAL GAS	27	3	989	44	201
WOOD	7630	78	600	15829	47055
TOTAL (RESIDENTIAL)	7793	671	1709	15959	48050
ELEC GENERATION (POINT)					
BITUMINOUS COAL	7871	20887	36368	196	1179
RESIDUAL OIL	0	42	67	1	5
NATURAL GAS	9	7	209	4	21
OTHER	573	28	596	361	851
TOTAL (ELEC GEN)	8453	20964	37240	562	2056
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	948	4001	1016	2	126
RESIDUAL OIL					
AREA SOURCES	692	7456	1983	7	177
POINT SOURCES	1118	8722	543	2	30
DISTILLATE OIL					
AREA SOURCES	15	270	200	4	46
POINT SOURCES	0	74	9	0	3
NATURAL GAS					
AREA SOURCES	0	0	192	74	28
POINT SOURCES	29	27	2629	15	278
PROCESS GAS					
POINT SOURCES	14	331	240	9	29
WOOD					
POINT SOURCES	672	46	783	655	1472
TOTAL (INDUSTRIAL)					
AREA SOURCES	1655	11727	3391	87	377
POINT SOURCES	1833	9200	4204	681	1812
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	6	22	3	0	2
DISTILLATE OIL					
AREA SOURCES	14	405	186	0	42
NATURAL GAS					
AREA SOURCES	15	1	691	28	134

```
*** E01 ***
SELECT CARD = <18                                                          25>                    *** E01 ***
```

POINT SOURCES	8	47	19	2	17
RESIDUAL OIL					
AREA SOURCES	23	298	69	1	6
POINT SOURCES	0	19	10	0	0
DISTILLATE OIL					
AREA SOURCES	7	106	74	1	18
POINT SOURCES	4	88	41	1	10
NATURAL GAS					
POINT SOURCES	44	9	1519	77	303
OTHER					
POINT SOURCES	1	0	46	2	9
TOTAL (COMM-INST)					
AREA SOURCES	378	2047	473	15	193
POINT SOURCES	57	163	1635	82	339
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2347	13036	5180	1199	4061
POINT SOURCES	1676	92204	32123	262	1938
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	3	0	77	6	28
TOTAL (INDUSTRIAL)	3	0	77	6	28
TOTAL (INTERNAL COMB)	3	0	77	6	28
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2347	13036	5180	1199	4061
POINT SOURCES	1679	92204	32200	268	1966
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	17	0	0	548	0
FOOD/AGRICULTURAL	42	0	0	1428	0
SECONDARY METALS	3	0	0	35	41
MINERAL PRODUCTS	103	165	19	12	6
PETROLEUM INDUSTRY	1	478	129	164	143
WOOD PRODUCTS	6	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	4380	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	355	0
OTHER/NOT CLASSIFIED	0	1	0	5	0
TOTAL (INDUSTRIAL)	172	644	148	6927	190
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	3	3	190	95	2
TOTAL (GOVERNMENT)	3	3	190	95	2
RESIDENTIAL (AREA)					
ON SITE INCINERATION	34	1	1	96	289
OPEN BURNING	1463	54	374	1973	6261
TOTAL (RESIDENTIAL)	1497	55	375	2069	6550
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	34	11	16	20	46
POINT SOURCES	1	1	1	1	5

```
SELECT CARD = <18     103                                                                                45>
STATE 18 COUNTY 0180 NOT FOUND IN POINT FILE
STATE 18 COUNTY 1060 NOT FOUND IN POINT FILE
STATE 18 COUNTY 3520 NOT FOUND IN POINT FILE
```

POINT SOURCES	138	2	41	187	43
TOTAL (COMM-INST)					
POINT SOURCES	138	2	41	187	43
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	2901	6573	1838	995	6552
OPEN BURNING					
POINT SOURCES	424	10	104	487	2161
TOTAL (INDUSTRIAL)					
POINT SOURCES	3325	6583	1942	1482	8713
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	6590	222	1445	10411	32517
POINT SOURCES	4424	6785	2143	1789	11559
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	74934	3009	60245	69979	689288
LIGHT DUTY TRUCKS	23423	1358	24824	26632	227431
HEAVY DUTY VEHICLES	5359	456	14082	16582	262814
OFF HIGHWAY	261	138	2871	7628	96411
TOTAL (GASOLINE)	103977	4961	102022	120821	1275944
DIESEL					
HEAVY DUTY VEHICLES	12631	5551	50554	6820	20949
OFF HIGHWAY	4687	3671	44088	6711	13325
RAIL	1683	3824	24818	6027	8722
TOTAL (DIESEL)	19001	13046	119460	19558	42996
AIRCRAFT					
MILITARY	1269	82	651	1491	3080
CIVIL	34	15	160	496	10001
COMMERCIAL	66	153	1590	1409	4376
TOTAL (AIRCRAFT)	1369	250	2401	3396	17457
VESSELS					
DIESEL FUEL	1432	1793	13352	3337	4666
RESIDUAL OIL	1334	17572	2886	172	96
GASOLINE	0	120	706	15519	55314
TOTAL (VESSELS)	2766	19485	16944	19028	60076
TOTAL (TRANSPORTATION)	127113	37742	240827	162803	1396473
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	253	0	56	282	2070
FOREST MANAGED BURNING	5701	41	1141	4076	31916
AGRICULTURAL BURNING	12157	0	1723	11208	80794
STRUCTURAL FIRES	1036	0	96	774	4210
GASOLINE STA EVAP LOSS	0	0	0	19960	0
SOLVENT EVAPORATION LOSS	0	0	0	45757	0
UNPAVED ROADS	271661	0	0	0	0
UNPAVED AIRSTRIPS	73	0	0	0	0
TOTAL (MISCELLANEOUS)	290881	41	3016	82057	118990

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*** E05 ***
SELECT CARD = <20                                                                   *** E05 **
                                                          25>
```

NATURAL GAS					
AREA SOURCES	0	0	10	0	1
TOTAL (COMM-INST)					
AREA SOURCES	37	277	174	1	36
POINT SOURCES	51	700	117	2	12
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4729	1917	1269	9468	28288
POINT SOURCES	3305	39610	6237	538	1722
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4729	1917	1269	9468	28288
POINT SOURCES	3305	39610	6237	538	1722
INDUSTRIAL PROCESS (POINT)					
*************************					
SECONDARY METALS	1	0	0	0	3
MINERAL PRODUCTS	58	16	8	17	8
WOOD PRODUCTS	3728	8475	448	0	12036
ORGANIC SOLVENT EVAPORATION	0	0	0	177	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	5562	0
OTHER/NOT CLASSIFIED	0	323	0	0	0
TOTAL (INDUSTRIAL)	3787	8814	456	5756	12047
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	134	1	5	380	1138
OPEN BURNING	435	16	112	588	1863
TOTAL (RESIDENTIAL)	569	17	117	968	3001
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	34	11	16	21	47
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	35	11	16	23	51
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	5	0	0	5	9
POINT SOURCES	0	0	0	0	1
OPEN BURNING					
AREA SOURCES	4	0	1	7	25
POINT SOURCES	9	0	2	13	77
TOTAL (INDUSTRIAL)					
AREA SOURCES	9	0	1	12	34
POINT SOURCES	9	0	2	13	78
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	613	28	134	1003	3086
POINT SOURCES	9	0	2	13	78
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					

```
*** E07 ***                                                                                   *** E07
      TOTAL (EXTERNAL COMB)
                AREA SOURCES            3032          1104          3344          6229         18350
                POINT SOURCES           3303         85460         29264           409          1602
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                    3            20            33             4             4
         TOTAL (ELEC GEN)                  3            20            33             4             4

      TOTAL (INTERNAL COMB)                3            20            33             4             4

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES            3032          1104          3344          6229         18350
                POINT SOURCES           3306         85480         29297           413          1606
INDUSTRIAL PROCESS (POINT)
**************************

   MINERAL PRODUCTS                      260            22            11            24            11
   ORGANIC SOLVENT EVAPORATION             1             0             0           569             0
   PETROLEUM STORAGE/TRANSPORT             0             0             0           221             0
   TOTAL (INDUSTRIAL)                    261            22            11           814            11
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OTHER INCINERATION                  91             0             5             0             0
      TOTAL (GOVERNMENT)                  91             0             5             0             0
   RESIDENTIAL (AREA)

      ON SITE INCINERATION                80             1             3           225           675
      OPEN BURNING                       512            19           131           691          2189
      TOTAL (RESIDENTIAL)                592            20           134           916          2864
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES              54            17            25            31            73
      OPEN BURNING
                AREA SOURCES               3             0             1             5            13
      TOTAL (COMM-INST)
                AREA SOURCES              57            17            26            36            86
   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES               4             1             1             4             6
      OPEN BURNING
                AREA SOURCES               4             0             2             6            20
      TOTAL (INDUSTRIAL)
                AREA SOURCES               8             1             3            10            26
   TOTAL (SOLID WASTE DISP)
                AREA SOURCES             657            38           163           962          2976
                POINT SOURCES             91             0             5             0             0
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:21 MARYLAND AQCR:115 METROPOLITAN BALTIMORE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	1	5	0	1	15
BITUMINOUS COAL	39	167	8	26	232
DISTILLATE OIL	206	2365	1479	57	410
NATURAL GAS	57	12	1885	99	376
WOOD	5489	57	433	11398	33874
TOTAL (RESIDENTIAL)	5792	2606	3805	11581	34907
ELEC GENERATION (POINT)					
BITUMINOUS COAL	392	10068	9753	20	172
RESIDUAL OIL	695	14730	6402	73	477
DISTILLATE OIL	4	234	42	0	9
NATURAL GAS	4	0	70	1	6
TOTAL (ELEC GEN)	1095	25032	16267	94	664
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	11	3	2	0	0
RESIDUAL OIL					
POINT SOURCES	553	8784	3262	19	292
DISTILLATE OIL					
AREA SOURCES	36	366	412	14	97
POINT SOURCES	12	459	186	2	33
NATURAL GAS					
AREA SOURCES	31	6	4580	1232	557
POINT SOURCES	13	2	1200	8	131
PROCESS GAS					
POINT SOURCES	227	949	2176	15	943
OTHER					
POINT SOURCES	7	110	82	2	18
TOTAL (INDUSTRIAL)					
AREA SOURCES	67	372	4992	1246	654
POINT SOURCES	823	10307	6908	46	1417
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	22	70	25	0	1
RESIDUAL OIL					
POINT SOURCES	32	806	327	6	28
DISTILLATE OIL					

```
              RESIDUAL OIL
                   AREA SOURCES                   77          586          225            5           20
                   POINT SOURCES                  98         1305          350            7           32
              DISTILLATE OIL
                   AREA SOURCES                   23          326          226            3           57
                   POINT SOURCES                   8          687          260            1           15
              NATURAL GAS
                   AREA SOURCES                    7            1          230           12           46
                   POINT SOURCES                   1            0           93            1           14
              OTHER
                   POINT SOURCES                   0            0            1            0            0
              TOTAL (COMM-INST)
                   AREA SOURCES                  143         1033          724           20          126
                   POINT SOURCES                 427         2772          854           10          181

          TOTAL (EXTERNAL COMB)
                   AREA SOURCES                 8187         2764         2847        16449        49126
                   POINT SOURCES                2315        27844         8845         9385          775

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              OTHER                                0            0            4            0            1
              TOTAL (ELEC GEN)                     0            0            4            0            1

          INDUSTRIAL FUEL

              DISTILLATE OIL                       0            3            2            0            0
              TOTAL (INDUSTRIAL)                   0            3            2            0            0

          TOTAL (INTERNAL COMB)                    0            3            6            0            1

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                  8187         2764         2847        16449        49126
                  POINT SOURCES                 2315        27847         8851         9385          776
 INDUSTRIAL PROCESS (POINT)
 **************************

     CHEMICAL MANUFACTURING                       93            0            0         1064           11
     SECONDARY METALS                             78           22            3            0         1704
     MINERAL PRODUCTS                            101           26           12            0            1
     PETROLEUM INDUSTRY                            0            0            2            0            1
     ORGANIC SOLVENT EVAPORATION                   0            0            0         3425            0
     PETROLEUM STORAGE/TRANSPORT                   0            0            0         4814            0
     METAL FABRICATION                            11            0            0            0            0
     OTHER/NOT CLASSIFIED                         17           81           71            2           13
     TOTAL (INDUSTRIAL)                          300          129           88         9305         1730
SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

          OTHER INCINERATION                       2            1            7            1            0
          TOTAL (GOVERNMENT)                       2            1            7            1            0

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                   507            8           16         1426         4278
          OPEN BURNING                          1199           45          307         1617         5129
          TOTAL (RESIDENTIAL)                   1706           53          323         3043         9407

     COMMERCIAL-INSTITUTIONAL
```

```
*** E10 ***
SELECT CARD = <22    120                                                                                   *** E10 ***
                                                                              45>
```

SECONDARY METALS	324	106	15	0	4848
MINERAL PRODUCTS	26	10	3	8	4
ORGANIC SOLVENT EVAPORATION	3	0	0	2790	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	153	0
OTHER/NOT CLASSIFIED	0	28	0	0	0
TOTAL (INDUSTRIAL)	353	144	18	2951	4852
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	178	2	6	502	1507
OPEN BURNING	276	10	71	372	1182
TOTAL (RESIDENTIAL)	454	12	77	874	2689
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	37	11	17	21	50
POINT SOURCES	3	1	1	40	120
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	38	11	17	23	54
POINT SOURCES	3	1	1	40	120
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	5	1	1	5	8
OPEN BURNING					
AREA SOURCES	2	0	1	3	10
TOTAL (INDUSTRIAL)					
AREA SOURCES	7	1	2	8	18
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	499	24	96	905	2761
POINT SOURCES	3	1	1	40	120
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3833	215	4818	4831	45582
LIGHT DUTY TRUCKS	1282	101	2154	2081	16979
HEAVY DUTY VEHICLES	203	22	763	704	11300
OFF HIGHWAY	24	13	278	737	9328
TOTAL (GASOLINE)	5342	351	8013	8353	83189
DIESEL					
HEAVY DUTY VEHICLES	357	182	1631	189	576
OFF HIGHWAY	125	97	1169	178	354
RAIL	29	65	422	103	147
TOTAL (DIESEL)	511	344	3222	470	1077
AIRCRAFT					
CIVIL	2	1	8	27	542
COMMERCIAL	1	1	13	12	37
TOTAL (AIRCRAFT)	3	2	21	39	579

```
*** E12 ***                                                                                              *** E12 ***
             OFF HIGHWAY                      6            3             66            175           2208
             TOTAL (GASOLINE)              2301          154           3472           3399          33296
         DIESEL

             HEAVY DUTY VEHICLES            195          105            935            103            310
             OFF HIGHWAY                     42           33            392             60            118
             RAIL                            13           30            198             48             70
             TOTAL (DIESEL)                 250          168           1525            211            498
     AIRCRAFT

         CIVIL                                1            1              6             17            347
         TOTAL (AIRCRAFT)                     1            1              6             17            347
     VESSELS

         GASOLINE                             0            1              6            125            445
         TOTAL (VESSELS)                      0            1              6            125            445

     TOTAL (TRANSPORTATION)                2552          324           5009           3752          34586

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                        34            0              3             25            138
     GASOLINE STA EVAP LOSS                   0            0              0            540              0
     SOLVENT EVAPORATION LOSS                 0            0              0           1734              0
     UNPAVED ROADS                         8390            0              0              0              0
     TOTAL (MISCELLANEOUS)                 8424            0              3           2299            138
GRAND TOTAL
***********

     AREA SOURCES                         11601          467           5858           7382          38386

     POINT SOURCES                         7337       303900          83126           1527           2866

     TOTAL                                18938       304367          88984           8909          41252
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:24 MINNESOTA AQCR:127 CENTRAL MINNESOTA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	26	305	191	8	54
NATURAL GAS	11	1	305	15	62
WOOD	2406	26	191	4995	14844
TOTAL (RESIDENTIAL)	2443	332	687	5018	14960
ELEC GENERATION (POINT)					
BITUMINOUS COAL	2474	34212	54467	182	1580
LIGNITE	2	177	47	0	4
TOTAL (ELEC GEN)	2476	34389	54514	182	1584
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	4	42	8	0	1
POINT SOURCES	3	66	19	0	15
RESIDUAL OIL					
POINT SOURCES	30	401	53	0	5
DISTILLATE OIL					
AREA SOURCES	3	38	45	1	9
POINT SOURCES	0	1	0	0	0
NATURAL GAS					
AREA SOURCES	5	1	1130	354	141
POINT SOURCES	1	0	191	1	23
WOOD					
POINT SOURCES	5	1	15	17	40
TOTAL (INDUSTRIAL)					
AREA SOURCES	12	81	1183	355	151
POINT SOURCES	39	469	278	18	83
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	219	90	73	0	26
RESIDUAL OIL					
POINT SOURCES	9	120	18	0	1
DISTILLATE OIL					
AREA SOURCES	1	41	29	0	8
POINT SOURCES	0	3	1	0	0
NATURAL GAS					
AREA SOURCES	2	0	124	5	24
POINT SOURCES	1	0	41	0	11
TOTAL (COMM-INST)					

```
SELECT CARD = <24    131                                                   45>
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*** E15 ***                                                                                    *** E15 ***
                   AREA SOURCES          13598      22587      72289      48917      82895
                   POINT SOURCES         17840     155058      75533      13269      18385
      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              NATURAL GAS                   13          0        132          8         31
              TOTAL (ELEC GEN)              13          0        132          8         31

          TOTAL (INTERNAL COMB)             13          0        132          8         31

      TOTAL (FUEL COMBUSTION)

                   AREA SOURCES          13598      22587      72289      48917      82895
                   POINT SOURCES         17853     155058      75665      13277      18416
INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING              1148      35276       2161       1439      20073
      FOOD/AGRICULTURAL                    519         19         51       1084          6
      PRIMARY METAL                         80        777          0          0          0
      SECONDARY METALS                     118        471          0        567          0
      MINERAL PRODUCTS                    3371       6336       1672         49        386
      PETROLEUM INDUSTRY                  2106      26766       7452      14493      24650
      WOOD PRODUCTS                       7248      10436       6355       1496      18492
      ORGANIC SOLVENT EVAPORATION           63          2         16      11500       2048
      PETROLEUM STORAGE/TRANSPORT          156          0          0       7312          0
      METAL FABRICATION                      0          0          0        801          0
      TOTAL (INDUSTRIAL)                 14809      80081      17707      38741      65655
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             1426          8         33       4022      12054
         OPEN BURNING                     5469        204       1399       7385      23415
         TOTAL (RESIDENTIAL)              6895        212       1432      11407      35469
     COMMERCIAL-INSTITUTIONAL

         OPEN BURNING
                 AREA SOURCES                6          0          1         11         25
         TOTAL (COMM-INST)
                 AREA SOURCES                6          0          1         11         25
     INDUSTRIAL

         OPEN BURNING
                 AREA SOURCES               79          0         38        126        430
         TOTAL (INDUSTRIAL)
                 AREA SOURCES               79          0         38        126        430
     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             6980        212       1471      11544      35924
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          37858       1646      35168      40879     394763
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*** E16 ***
                                                                                                          *** E16 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************
STATE:25 MISSISSIPPI     AQCR:135 NORTHEAST MISSISSIPPI                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
                                                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                PARTICULATES        SOX            NOX            VOC             CO
                                ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                0              1              0              0              0
            NATURAL GAS                  13              0            539             29            110
            WOOD                       5177             53            411          10740          31923
            TOTAL (RESIDENTIAL)        5190             54            950          10769          32033
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                 AREA SOURCES            90           1009            251              0             32
            DISTILLATE OIL
                 AREA SOURCES            17            174            196              1             47
            NATURAL GAS
                 AREA SOURCES            31              3          15613           5911           2084
                 POINT SOURCES           15              1            176              4             20
            WOOD
                 POINT SOURCES          355            123           3635            198            249
            TOTAL (INDUSTRIAL)
                 AREA SOURCES           138           1186          16060           5912           2163
                 POINT SOURCES          370            124           3811            202            269
        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                 AREA SOURCES           236           3784            693             10             64
            DISTILLATE OIL
                 AREA SOURCES             0             16             14              0              1
            NATURAL GAS
                 AREA SOURCES             2              0            220              7             45
            TOTAL (COMM-INST)
                 AREA SOURCES           238           3800            927             17            110
        TOTAL (EXTERNAL COMB)
                 AREA SOURCES          5566           5040          17937          16698          34306
                 POINT SOURCES          370            124           3811            202            269
    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES          5566           5040          17937          16698          34306
                 POINT SOURCES          370            124           3811            202            269
INDUSTRIAL PROCESS (POINT)
**************************
```

ON SITE INCINERATION					
AREA SOURCES	1	0	0	1	2
OPEN BURNING					
AREA SOURCES	38	1	13	65	229
TOTAL (INDUSTRIAL)					
AREA SOURCES	39	1	13	66	231
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	5904	163	935	11764	36075
POINT SOURCES	249	21	25	12	290
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	21454	666	14020	19717	212775
LIGHT DUTY TRUCKS	5352	232	4663	6397	60279
HEAVY DUTY VEHICLES	1174	86	2599	3649	57073
OFF HIGHWAY	50	26	555	1477	18678
TOTAL (GASOLINE)	28030	1010	21837	31240	348805
DIESEL					
HEAVY DUTY VEHICLES	3552	1366	12594	1943	6042
OFF HIGHWAY	250	195	2345	358	708
RAIL	143	325	2111	512	741
TOTAL (DIESEL)	3945	1886	17050	2813	7491
AIRCRAFT					
MILITARY	119	8	62	140	290
CIVIL	5	2	22	69	1377
COMMERCIAL	34	79	821	727	2260
TOTAL (AIRCRAFT)	158	89	905	936	3927
VESSELS					
DIESEL FUEL	11	12	99	26	35
GASOLINE	0	5	25	520	1857
TOTAL (VESSELS)	11	17	124	546	1892
TOTAL (TRANSPORTATION)	32144	3002	39916	35535	362115
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	200	0	47	224	1639
STRUCTURAL FIRES	272	0	25	204	1109
GASOLINE STA EVAP LOSS	0	0	0	4733	0
SOLVENT EVAPORATION LOSS	0	0	0	18369	0
UNPAVED ROADS	49824	0	0	0	0
UNPAVED AIRSTRIPS	180	0	0	0	0
TOTAL (MISCELLANEOUS)	50476	0	72	23530	2748
GRAND TOTAL					
***********					
AREA SOURCES	90170	13506	45711	71671	403944
POINT SOURCES	31985	189473	74806	52157	4857
TOTAL	122155	202979	120517	123828	408801

```
*** E18 ***                                                                                      *** E18 ***
              POINT SOURCES             0            0           12            0            2
        WOOD
              POINT SOURCES             6            1            3            7           17
          TOTAL (COMM-INST)
              AREA SOURCES             35          428          880           28          180
              POINT SOURCES             6            1           15            7           19

       TOTAL (EXTERNAL COMB)
              AREA SOURCES           9483        12826         5980        16074        48607
              POINT SOURCES         10292        30165        41459         1250         3887

    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          DISTILLATE OIL              263          245         3681          252          800
          NATURAL GAS                   1            0          435           11           55
          TOTAL (INDUSTRIAL)          264          245         4116          263          855

       TOTAL (INTERNAL COMB)          264          245         4116          263          855

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           9483        12826         5980        16074        48607
              POINT SOURCES         10556        30410        45575         1513         4742
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             43         6022            0          131            0
    FOOD/AGRICULTURAL                 418            0            0            0            0
    PRIMARY METAL                    2069       146260            0            0        44824
    SECONDARY METALS                  394            0            0            0            0
    MINERAL PRODUCTS                 6971         4541         3159          140          406
    PETROLEUM INDUSTRY               1363        19232         2259         6609        69640
    WOOD PRODUCTS                    2350         1060          469          111         7968
    PETROLEUM STORAGE/TRANSPORT         0            0            0         2066            0
    OTHER/NOT CLASSIFIED               19         1278            0            0            0
    TOTAL (INDUSTRIAL)              13627       178393         5887         9057       122838
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          751            7           15         2106         6323
        OPEN BURNING                 1455           55          371         1962         6213
        TOTAL (RESIDENTIAL)          2206           62          386         4068        12536
    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
              AREA SOURCES              2            0            0            4            8
        TOTAL (COMM-INST)
              AREA SOURCES              2            0            0            4            8
    INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES           638           11          100         1107        13086
        OPEN BURNING
              AREA SOURCES             26            0           13           39          130
        TOTAL (INDUSTRIAL)
              AREA SOURCES             26            0           13           39          130
              POINT SOURCES           638           11          100         1107        13086
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```
*** F01 ***                                                                                          *** F01 ***

                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************
STATE EMISSIONS REPORT
******************************                                          RUN DATE:    MONDAY    NOVEMBER 28, 1983
STATE 18:KENTUCKY                                          AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:    MONDAY        JULY 11, 1983

                             PARTICULATES         SOX            NOX            VOC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             69             202             12             69            670
         BITUMINOUS COAL           1959            7269            389           1308          11738
         DISTILLATE OIL              44             623            391              5             94
         NATURAL GAS                113              13           3985            209            796
         WOOD                     28003             284           2206          58149         172815
         TOTAL (RESIDENTIAL)      30188            8391           6983          59740         186113

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          23200         1029517         288129            783           7893
         RESIDUAL OIL                 0               6              7              0              0
         DISTILLATE OIL               2             207            102              0             33
         NATURAL GAS                  0               0            679              2             49
         TOTAL (ELEC GEN)         23202         1029730         288917            785           7975

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES          4269           32115           8878             25           1139
             POINT SOURCES          928           12044           5297             61           1198
         RESIDUAL OIL
             AREA SOURCES            12             181             42              0              1
             POINT SOURCES           80            1074            341              0             29
         DISTILLATE OIL
             AREA SOURCES           153            1618           1825             54            432
             POINT SOURCES           25             595            265              2             62
         NATURAL GAS
             AREA SOURCES             0               0            645            248             99
             POINT SOURCES           42               7           4432             38            552
         PROCESS GAS
             POINT SOURCES            0               2             42              1              9
         COKE
             POINT SOURCES            6              12             11              0              0
         WOOD
             POINT SOURCES           45               4             52             58            138
         LIQUID PETROL GAS
             POINT SOURCES            0               2             22              0              5
         TOTAL (INDUSTRIAL)
             AREA SOURCES          4434           33914          11390            327           1671
             POINT SOURCES         1126           13740          10462            160           1993

      COMM-INSTITUTIONAL FUEL
```

```
*** F02 ***                                                                                  *** F02 ***
        OPEN BURNING
                AREA SOURCES              2          0          1          5          13
        TOTAL (COMM-INST)
                AREA SOURCES             36         11         17         25          59
                POINT SOURCES             1          1          1          1           5
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             52         10         10         47          70
                POINT SOURCES             1          3         14          3           1
        OPEN BURNING
                AREA SOURCES             26          1          9         45         159
        TOTAL (INDUSTRIAL)
                AREA SOURCES             78         11         19         92         229
                POINT SOURCES             1          3         14          3           1

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           1611         77        411       2186        6838
                POINT SOURCES             5          7        205         99           8
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       15102        450       9699      14395      154662
            LIGHT DUTY TRUCKS          2460        100       1939       2742       26335
            HEAVY DUTY VEHICLES         948         65       1917       2915       45390
            OFF HIGHWAY                  39         21        434       1155       14608
            TOTAL (GASOLINE)          18549        636      13989      21207      240995
        DIESEL

            HEAVY DUTY VEHICLES        3352       1270      11735       1836        5713
            OFF HIGHWAY                  83         65        783        119         237
            RAIL                        317        724       4697       1141        1650
            TOTAL (DIESEL)             3752       2059      17215       3096        7600
    AIRCRAFT

        MILITARY                         37          2         19         43          89
        CIVIL                             5          3         21         65        1301
        COMMERCIAL                       16         37        388        344        1069
        TOTAL (AIRCRAFT)                 58         42        428        452        2459
    VESSELS

        DIESEL FUEL                      30         38        283         71          99
        GASOLINE                          0          1          5        100         356
        TOTAL (VESSELS)                  30         39        288        171         455

    TOTAL (TRANSPORTATION)            22389       2776      31920      24926      251509
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     18          0          4         20         144
    STRUCTURAL FIRES                    199          0         19        149         809
    GASOLINE STA EVAP LOSS                0          0          0       3177           0
    SOLVENT EVAPORATION LOSS              0          0          0      11123           0
    UNPAVED ROADS                      9948          0          0          0           0
    TOTAL (MISCELLANEOUS)             10165          0         23      14469         953
```

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*** F03 ***
                                                                                                   *** F03 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:18 KENTUCKY       AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             5              23              0              5             69
         BITUMINOUS COAL           198             735             38            131           1188
         DISTILLATE OIL              0              28             16              0              2
         NATURAL GAS                 8               1            301             15             59
         WOOD                     1404              13            112           2915           8665
         TOTAL (RESIDENTIAL)      1615             800            467           3066           9983
      ELEC GENERATION (POINT)

         BITUMINOUS COAL          2604           68833          37718            134           1095
         DISTILLATE OIL              2              41             28              0              7
         TOTAL (ELEC GEN)         2606           68874          37746            134           1102
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           150            1134            314              0             39
            POINT SOURCES           39             390            138              5             77
         RESIDUAL OIL
            AREA SOURCES             0               1              0              0              0
            POINT SOURCES            0               1              0              0              0
         DISTILLATE OIL
            AREA SOURCES             4              64             73              2             17
            POINT SOURCES            0              16              4              0              1
         NATURAL GAS
            AREA SOURCES             0               0             11              4              2
            POINT SOURCES           12               2            581             10            134
         PROCESS GAS
            POINT SOURCES            0               2              5              0              0
         COKE
            POINT SOURCES            6              12             11              0              0
         LIQUID PETROL GAS
            POINT SOURCES            0               0              9              0              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES           154            1199            398              6             58
            POINT SOURCES           57             423            748             15            214
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             8              28              9              0              0
         BITUMINOUS COAL
```

```
*** F04 ***
GRAND TOTAL
***********                                                                                                   *** F04 ***

    AREA SOURCES                        439662         161980         290199         277225        1598582
    POINT SOURCES                       114135         223962         501274         292444         998917
    TOTAL                               553797         385942         791473         569669        2597499
```

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*** F05 ***
                                                                                                   *** F05 ***
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE EMISSIONS REPORT
**************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE 20:MAINE                                             AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                4             20              1              4             64
         DISTILLATE OIL               286           3304           2068             80            574
         NATURAL GAS                    1              0            113              5             22
         WOOD                       14484            152           1143          30072          89380
         TOTAL (RESIDENTIAL)        14775           3476           3325          30161          90040
      ELEC GENERATION (POINT)

         RESIDUAL OIL                 275          13392           5004             59            392
         DISTILLATE OIL                 0              6              3              0              1
         TOTAL (ELEC GEN)             275          13398           5007             59            393
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                0             21              8              0              0
         BITUMINOUS COAL
            AREA SOURCES              392           4291           1067              4            136
         RESIDUAL OIL
            POINT SOURCES            5538          83864          12382             63           1126
         DISTILLATE OIL
            AREA SOURCES               19            196            222              5             52
            POINT SOURCES               7            240             57              0             16
         NATURAL GAS
            AREA SOURCES                0              0             58              0             13
            POINT SOURCES               0              0              8              0              2
         COKE
            AREA SOURCES                5             12              4              0              0
         WOOD
            POINT SOURCES            2085             91           1062           1203           2834
         OTHER
            POINT SOURCES               0              1              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              416           4520           1359              9            201
            POINT SOURCES            7630          84196          13509           1266           3978
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              127            434            155              0              8
         BITUMINOUS COAL
```

```
          LIGHT DUTY VEHICLES         2606        145        3219        3201       30481
          LIGHT DUTY TRUCKS            988         76        1637        1618       13306
          HEAVY DUTY VEHICLES          192         20         704         664       10623
          OFF HIGHWAY                   17         10         200         529        6684
          TOTAL (GASOLINE)            3803        251        5760        6012       61094
      DIESEL

          HEAVY DUTY VEHICLES          610        307        2766         325         983
          OFF HIGHWAY                   40         32         386          59         116
          RAIL                          14         32         205          51          72
          TOTAL (DIESEL)               664        371        3357         435        1171
    AIRCRAFT

        MILITARY                        97          6          50         114         236
        CIVIL                            4          0          11          31         628
        COMMERCIAL                       4          9          96          85         264
        TOTAL (AIRCRAFT)               105         15         157         230        1128
    VESSELS

        DIESEL FUEL                      2          2          16           4           5
        RESIDUAL OIL                     1          8           1           0           0
        GASOLINE                         0         15          90        1992        7105
        TOTAL (VESSELS)                  3         25         107        1996        7110

    TOTAL (TRANSPORTATION)            4575        662        9381        8673       70503
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   212          2          50         240        1747
    AGRICULTURAL BURNING                 5          0           1           5          36
    STRUCTURAL FIRES                    60          0           5          43         240
    GASOLINE STA EVAP LOSS               0          0           0        1020           0
    SOLVENT EVAPORATION LOSS             0          0           0        2778           0
    UNPAVED ROADS                    13901          0           0           0           0
    UNPAVED AIRSTRIPS                    4          0           0           0           0
    TOTAL (MISCELLANEOUS)            14182          2          56        4086        2023
GRAND TOTAL
***********

    AREA SOURCES                     24099       2609       10840       23230      103900

    POINT SOURCES                     7101      48424        6695        6307       13847

    TOTAL                            31200      51033       17535       29537      117747
```

*** F07 ***

*** F07 *

GASOLINE					
LIGHT DUTY VEHICLES	27290	813	16409	23155	253070
LIGHT DUTY TRUCKS	3691	150	2856	3935	38158
HEAVY DUTY VEHICLES	1035	71	2094	3183	49570
OFF HIGHWAY	40	22	449	1192	15076
TOTAL (GASOLINE)	32056	1056	21808	31465	355874
DIESEL					
HEAVY DUTY VEHICLES	1813	687	6348	993	3091
OFF HIGHWAY	147	116	1389	212	419
RAIL	96	219	1417	344	498
TOTAL (DIESEL)	2056	1022	9154	1549	4008
AIRCRAFT					
MILITARY	478	31	245	562	1160
CIVIL	4	2	18	56	1131
COMMERCIAL	0	0	0	0	1
TOTAL (AIRCRAFT)	482	33	263	618	2292
VESSELS					
GASOLINE	0	2	9	203	724
TOTAL (VESSELS)	0	2	9	203	724
TOTAL (TRANSPORTATION)	34594	2113	31234	33835	362898
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	142	2	34	160	1167
STRUCTURAL FIRES	194	0	18	145	791
GASOLINE STA EVAP LOSS	0	0	0	6046	0
SOLVENT EVAPORATION LOSS	0	0	0	12604	0
UNPAVED ROADS	12176	0	0	0	0
TOTAL (MISCELLANEOUS)	12512	2	52	18955	1958
GRAND TOTAL ***********					
AREA SOURCES	50795	3257	34793	59981	386182
POINT SOURCES	3658	85502	29313	1227	1617
TOTAL	54453	88759	64106	61208	387799

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*** F08 ***                                                                        *** F08 ***
              AREA SOURCES                 1        17        13         0         3
              POINT SOURCES               48      1117       375         9        81
           NATURAL GAS
              AREA SOURCES                16         2       542        29       109
              POINT SOURCES               17         3      1933        12       208
           TOTAL (COMM-INST)
              AREA SOURCES                39        89       580        29       113
              POINT SOURCES               97      1926      2635        27       317

        TOTAL (EXTERNAL COMB)
              AREA SOURCES              5898      3067      9377     12856     35674
              POINT SOURCES             2015     37265     25810       167      2398

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                 13       109       177        13        41
           NATURAL GAS                    35         2      1025        31       286
           TOTAL (ELEC GEN)               48       111      1202        44       327

        TOTAL (INTERNAL COMB)             48       111      1202        44       327

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES              5898      3067      9377     12856     35674
              POINT SOURCES             2063     37376     27012       211      2725

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              1731      2483       823      1738        27
    FOOD/AGRICULTURAL                    519         8        13        41         0
    PRIMARY METAL                        438      2913         4         0     13689
    SECONDARY METALS                       8        17         2       208       161
    MINERAL PRODUCTS                    2899       162      1543       120       230
    PETROLEUM INDUSTRY                  1595     20906      2964       293       268
    WOOD PRODUCTS                          8         0         0         0         0
    ORGANIC SOLVENT EVAPORATION           84         0        31     26985         0
    PETROLEUM STORAGE/TRANSPORT            4         0         0      5782         0
    METAL FABRICATION                     15         1         0       583         0
    OTHER/NOT CLASSIFIED                  41        73         5       114         0
    TOTAL (INDUSTRIAL)                  7342     26563      5385     35864     14375

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION            112       234       281       140      3276
       TOTAL (GOVERNMENT)                112       234       281       140      3276

    RESIDENTIAL (AREA)

       ON SITE INCINERATION              108         1         3       303       909
       OPEN BURNING                     1299        49       332      1752      5561
       TOTAL (RESIDENTIAL)              1407        50       335      2055      6470

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                 74        24        36        42       102
       OPEN BURNING
             AREA SOURCES                  7         0         2        12        30
       TOTAL (COMM-INST)
             AREA SOURCES                 81        24        38        54       132
```

ON SITE INCINERATION					
AREA SOURCES	68	21	32	39	93
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	69	21	32	41	97
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	9	2	2	8	12
POINT SOURCES	0	0	0	0	1
OPEN BURNING					
AREA SOURCES	9	0	3	16	55
TOTAL (INDUSTRIAL)					
AREA SOURCES	18	2	5	24	67
POINT SOURCES	0	0	0	0	1
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1793	76	360	3108	9571
POINT SOURCES	2	1	7	1	1
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	14359	475	10922	15608	164656
LIGHT DUTY TRUCKS	2234	101	2093	2900	27332
HEAVY DUTY VEHICLES	506	38	1145	1579	24714
OFF HIGHWAY	33	18	370	984	12446
TOTAL (GASOLINE)	17132	632	14530	21071	229146
DIESEL					
HEAVY DUTY VEHICLES	836	336	3089	455	1410
OFF HIGHWAY	59	46	557	85	168
RAIL	9	20	130	31	46
TOTAL (DIESEL)	904	402	3776	571	1624
AIRCRAFT					
MILITARY	193	13	99	227	469
CIVIL	2	1	10	30	605
COMMERCIAL	2	4	38	34	104
TOTAL (AIRCRAFT)	197	18	147	291	1178
VESSELS					
GASOLINE	0	7	38	829	2953
TOTAL (VESSELS)	0	7	38	829	2953
TOTAL (TRANSPORTATION)	18233	1059	18491	22762	234901
MISCELLANEOUS (AREA)					
*******************					
FOREST WILDFIRES	158	1	37	179	1302
STRUCTURAL FIRES	184	0	17	137	747
GASOLINE STA EVAP LOSS	0	0	0	2539	0
SOLVENT EVAPORATION LOSS	0	0	0	11658	0
UNPAVED ROADS	1237	0	0	0	0
TOTAL (MISCELLANEOUS)	1579	1	54	14513	2049

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*** F10 ***
                                                                                                   *** F10 ***
                                      NATIONAL EMISSIONS DATA SYSTEM
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                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:22 MASSACHUSETTS   AQCR:120 METROPOLITAN PROVIDENCE  AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            10            28             3            10            93
         DISTILLATE OIL            172          1976          1235            48           343
         NATURAL GAS                32             6          1066            56           213
         WOOD                      637             7            50          1322          3928
         TOTAL (RESIDENTIAL)       851          2017          2354          1436          4577
      ELEC GENERATION (POINT)

         BITUMINOUS COAL           710         20012          8552            29           244
         RESIDUAL OIL             1543        139096         28156           319          2101
         DISTILLATE OIL              4            93            52             0            11
         NATURAL GAS                 1             0           318             1            23
         TOTAL (ELEC GEN)         2258        159201         37078           349          2379
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            24           234            58             0             8
         RESIDUAL OIL
            POINT SOURCES          138          1965           684          2324            62
         DISTILLATE OIL
            AREA SOURCES            15           147           166             6            39
            POINT SOURCES            7           121            34          1436             8
         NATURAL GAS
            AREA SOURCES             1             0           115            17            13
            POINT SOURCES            2             1           238          1069            31
         OTHER
            POINT SOURCES            0             1             4             0             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES            40           381           339            23            60
            POINT SOURCES          147          2088           960          4829           102
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            45           150            54             0             3
         RESIDUAL OIL
            AREA SOURCES            98           746           287             6            26
            POINT SOURCES           25           335           116            24            11
         DISTILLATE OIL
            AREA SOURCES            29           415           288             4            72
            POINT SOURCES            3            77            12             0             3
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*** F11 ***                                                                                          *** F11 ***
    VESSELS

        DIESEL FUEL                          0            0            1            0            0
        GASOLINE                             0            5           25          541         1930
        TOTAL (VESSELS)                      0            5           26          541         1930

    TOTAL (TRANSPORTATION)                5856          702        11282         9403        86775

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                        16            0            2           12           65
    GASOLINE STA EVAP LOSS                   0            0            0         1185            0
    SOLVENT EVAPORATION LOSS                 0            0            0         5568            0
    UNPAVED ROADS                        17979            0            0            0            0
    TOTAL (MISCELLANEOUS)                17995            0            2         6765           65

GRAND TOTAL
***********

    AREA SOURCES                         26262         1118        13424        21320       101344

    POINT SOURCES                          589          863          280         3008         5006

    TOTAL                                26851         1981        13704        24328       106350
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*** F12 ***
SELECT CARD = <23    125                                                                    *** F12 ***
                                                                        45>
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*** F13 ***                                                                                    *** F13 ***
              AREA SOURCES            3          41          153           5          32
              POINT SOURCES         229         213          133           0          38
        TOTAL (EXTERNAL COMB)
              AREA SOURCES         2458         454         2023        5378       15143
              POINT SOURCES        2744       35071        54925         200        1705
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL             0           0            2           0           0
           NATURAL GAS                0           0           15           0           4
           TOTAL (ELEC GEN)           0           0           17           0           4
        INDUSTRIAL FUEL

           NATURAL GAS                1           0          510          12          64
           TOTAL (INDUSTRIAL)         1           0          510          12          64
       TOTAL (INTERNAL COMB)          1           0          527          12          68
    TOTAL (FUEL COMBUSTION)

             AREA SOURCES          2458         454         2023        5378       15143
             POINT SOURCES         2745       35071        55452         212        1773
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING          682           0            0        2182          18
    FOOD/AGRICULTURAL               478           0            0           0           0
    SECONDARY METALS                 96           0            0           0         286
    MINERAL PRODUCTS               4419           1            0           9           5
    ORGANIC SOLVENT EVAPORATION       0           8            5         737           0
    PETROLEUM STORAGE/TRANSPORT       0           0            0         167           0
    TOTAL (INDUSTRIAL)             5675           0            0        3095         309
                                                  9            5
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION         190           1            3         534        1597
       OPEN BURNING                 510          18          131         688        2185
       TOTAL (RESIDENTIAL)          700          19          134        1222        3782
    COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
             AREA SOURCES             3           0            1           5          13
       TOTAL (COMM-INST)
             AREA SOURCES             3           0            1           5          13
    TOTAL (SOLID WASTE DISP)
             AREA SOURCES           703          19          135        1227        3795
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       4214         244         5740        5908       54574
         LIGHT DUTY TRUCKS         1706         138         3011        2986       24190
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*** F14 ***
                                                                                              *** F14 **
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************
STATE/AQCR EMISSIONS REPORT
***************************
STATE:24 MINNESOTA      AQCR:131 MINNEAPOLIS-ST. PAUL                      RUN DATE:   MONDAY  NOVEMBER 28, 198
                                                             AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 198
                                                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 198

                               PARTICULATES        SOX            NOX             VOC             CO
                               ************    ************   ************   ************   ************
                                 TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 53             615            384             16            106
         NATURAL GAS                    99              20           3283            173            656
         WOOD                          766               8             61           1590           4725
         TOTAL (RESIDENTIAL)           918             643           3728           1779           5487

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              2084           55011          31001             90            857
         NATURAL GAS                     0               0            174              0             13
         TOTAL (ELEC GEN)             2084           55011          31175             90            870

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                45             371             81              0             10
            POINT SOURCES              171             108             40              0             15
         RESIDUAL OIL
            POINT SOURCES              267            3742            795              6             73
         DISTILLATE OIL
            AREA SOURCES                33             322            364             13             86
            POINT SOURCES                4             133             28              0              7
         NATURAL GAS
            AREA SOURCES                43               8           9401           2947           1189
            POINT SOURCES               20               3           2076             17            251
         PROCESS GAS
            POINT SOURCES                2               0            108              2             27
         WOOD
            POINT SOURCES               71               1             12             14             32
         LIQUID PETROL GAS
            POINT SOURCES                0               1              3              0              1
         OTHER
            POINT SOURCES                0               1              2              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               121             701           9846           2960           1285
            POINT SOURCES              535            3989           3064             37            407

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               63            2644           1126              4            231
         RESIDUAL OIL
            POINT SOURCES              101            1406            253              5             22
         DISTILLATE OIL
```

LIGHT DUTY TRUCKS	10763	697	13472	14450	119653
HEAVY DUTY VEHICLES	2929	278	8746	9262	147625
OFF HIGHWAY	131	69	1452	3860	48852
TOTAL (GASOLINE)	51681	2690	58838	68451	710893
DIESEL					
HEAVY DUTY VEHICLES	8719	3972	36026	4686	14352
OFF HIGHWAY	2750	2151	25875	3934	7819
RAIL	548	1245	8057	1951	2831
TOTAL (DIESEL)	12017	7368	69958	10571	25002
AIRCRAFT					
MILITARY	1830	119	941	2152	4445
CIVIL	15	3	94	293	5818
COMMERCIAL	10	24	237	211	655
TOTAL (AIRCRAFT)	1855	146	1272	2656	10918
VESSELS					
DIESEL FUEL	122	156	1159	292	408
RESIDUAL OIL	765	10080	1657	99	55
GASOLINE	0	46	276	6020	21454
TOTAL (VESSELS)	887	10282	3092	6411	21917
TOTAL (TRANSPORTATION)	66440	20486	133160	88089	768730
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	963	2	222	1080	7872
FOREST MANAGED BURNING	7938	56	1585	5676	44455
AGRICULTURAL BURNING	3861	0	547	3559	25647
STRUCTURAL FIRES	733	0	63	547	2964
GASOLINE STA EVAP LOSS	0	0	0	11242	0
SOLVENT EVAPORATION LOSS	0	0	0	35670	0
UNPAVED ROADS	464742	0	0	0	0
UNPAVED AIRSTRIPS	12	0	0	0	0
TOTAL (MISCELLANEOUS)	478249	58	2417	57774	80938
GRAND TOTAL ***********					
AREA SOURCES	565267	43343	209337	206324	968487
POINT SOURCES	32662	235139	93372	52018	84071
TOTAL	597929	278482	302709	258342	1052558

CHEMICAL MANUFACTURING	133	0	0	0	19973
FOOD/AGRICULTURAL	37	0	16	0	0
SECONDARY METALS	0	0	0	409	0
MINERAL PRODUCTS	1240	3475	284	8	27
WOOD PRODUCTS	975	186	1385	398	277
ORGANIC SOLVENT EVAPORATION	0	0	0	6245	0
METAL FABRICATION	0	0	0	801	0
TOTAL (INDUSTRIAL)	2385	3661	1685	7861	20277
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	410	0	6	1160	3470
OPEN BURNING	1581	62	405	2139	6775
TOTAL (RESIDENTIAL)	1991	62	411	3299	10245
INDUSTRIAL					
OPEN BURNING					
AREA SOURCES	22	0	11	33	110
TOTAL (INDUSTRIAL)					
AREA SOURCES	22	0	11	33	110
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2013	62	422	3332	10355
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8387	459	9907	10237	92900
LIGHT DUTY TRUCKS	2980	229	4475	4470	35165
HEAVY DUTY VEHICLES	813	89	2892	2661	42757
OFF HIGHWAY	37	23	453	1203	15217
TOTAL (GASOLINE)	12217	800	17727	18571	186039
DIESEL					
HEAVY DUTY VEHICLES	2198	1111	9973	1167	3536
OFF HIGHWAY	1034	809	9728	1478	2940
RAIL	156	357	2311	556	810
TOTAL (DIESEL)	3388	2277	22012	3201	7286
AIRCRAFT					
MILITARY	384	25	197	451	932
CIVIL	2	0	20	67	1316
TOTAL (AIRCRAFT)	386	25	217	518	2248
VESSELS					
GASOLINE	0	10	61	1348	4811
TOTAL (VESSELS)	0	10	61	1348	4811
TOTAL (TRANSPORTATION)	15991	3112	40017	23638	200384
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	164	0	37	182	1318
FOREST MANAGED BURNING	281	0	55	200	1575

```
SELECT CARD = <26    137                                                          45>
STATE 26 COUNTY 0040 NOT FOUND IN POINT FILE
STATE 26 COUNTY 1300 NOT FOUND IN POINT FILE
STATE 26 COUNTY 2120 NOT FOUND IN POINT FILE
STATE 26 COUNTY 2140 NOT FOUND IN POINT FILE
STATE 26 COUNTY 2720 NOT FOUND IN POINT FILE
STATE 26 COUNTY 3340 NOT FOUND IN POINT FILE
STATE 26 COUNTY 3880 NOT FOUND IN POINT FILE
STATE 26 COUNTY 4400 NOT FOUND IN POINT FILE
STATE 26 COUNTY 4420 NOT FOUND IN POINT FILE
STATE 26 COUNTY 4680 NOT FOUND IN POINT FILE
STATE 26 COUNTY 5140 NOT FOUND IN POINT FILE
```

```
*** F18 ***                                                                                          *** F18 ***
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              2234          62          399         4111        12674
                POINT SOURCES              638          11          100         1107        13086
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             10809         488        10026        15594       173367
         LIGHT DUTY TRUCKS                6678         440         8187        11414       121437
         HEAVY DUTY VEHICLES               632          61         2157         2151        34369
         OFF HIGHWAY                        43          20          519         1382        17406
         TOTAL (GASOLINE)                18162        1009        20889        30541       346579
      DIESEL

         HEAVY DUTY VEHICLES              4125        1960        17697         2207         6739
         OFF HIGHWAY                       851         670         8046         1225         2434
         RAIL                              767        1734        11277         2738         3962
         TOTAL (DIESEL)                   5743        4364        37020         6170        13135
   AIRCRAFT

      MILITARY                             192          13           98          225          464
      CIVIL                                 18           7          107          337         6763
      COMMERCIAL                            13          29          299          264          823
      TOTAL (AIRCRAFT)                     223          49          504          826         8050
   VESSELS

      GASOLINE                               0           5           51         1165         4138
      TOTAL (VESSELS)                        0           5           51         1165         4138

   TOTAL (TRANSPORTATION)                24128        5427        58464        38702       371902
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      59952         528        14109        67719       493752
   FOREST MANAGED BURNING                56463         424        11294        40372       316190
   STRUCTURAL FIRES                        203           0           10          143          808
   GASOLINE STA EVAP LOSS                    0           0            0         4092            0
   SOLVENT EVAPORATION LOSS                  0           0            0         6785            0
   UNPAVED ROADS                        707123           0            0            0            0
   UNPAVED AIRSTRIPS                       112           0            0            0            0
   TOTAL (MISCELLANEOUS)                823853         952        25413       119111       810750
GRAND TOTAL
***********

   AREA SOURCES                         859698       19267        90256       177998      1243933

   POINT SOURCES                         24821      208814        51562        11677       140666

   TOTAL                                884519      228081       141818       189675      1384599
```

ANTHRACITE COAL					
AREA SOURCES	131	481	162	0	4
BITUMINOUS COAL					
AREA SOURCES	998	4915	911	30	543
POINT SOURCES	204	1779	417	9	192
RESIDUAL OIL					
AREA SOURCES	81	1211	280	2	17
POINT SOURCES	0	25	14	0	0
DISTILLATE OIL					
AREA SOURCES	21	440	306	2	63
POINT SOURCES	4	108	53	1	13
NATURAL GAS					
POINT SOURCES	51	10	1889	90	361
WOOD					
POINT SOURCES	11	22	20	279	657
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
OTHER					
POINT SOURCES	1	0	46	2	9
TOTAL (COMM-INST)					
AREA SOURCES	1231	7047	1659	34	627
POINT SOURCES	271	1944	2440	381	1232
TOTAL (EXTERNAL COMB)					
AREA SOURCES	35853	49352	20032	60101	188411
POINT SOURCES	24599	1045414	301819	1326	11200
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
DISTILLATE OIL	1	5	12	1	3
NATURAL GAS	17	1	3952	100	532
TOTAL (INDUSTRIAL)	18	6	3964	101	535
TOTAL (INTERNAL COMB)	18	6	3964	101	535
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	35853	49352	20032	60101	188411
POINT SOURCES	24617	1045420	305783	1427	11735
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	1925	2	30	5701	1543
FOOD/AGRICULTURAL	180	3	0	15636	2
PRIMARY METAL	62	611	2	21	46386
SECONDARY METALS	49	3	1	36	125
MINERAL PRODUCTS	33028	878	2114	959	1635
PETROLEUM INDUSTRY	75	4536	1828	264	534
WOOD PRODUCTS	1356	664	363	0	5036
ORGANIC SOLVENT EVAPORATION	0	0	0	22978	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	4075	0
METAL FABRICATION	2	0	1	0	0
OTHER/NOT CLASSIFIED	8	1	1	309	1
TOTAL (INDUSTRIAL)	36685	6698	4340	49979	55262
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	3	3	190	95	2
OTHER INCINERATION	1	0	0	0	0
TOTAL (GOVERNMENT)	4	3	190	95	2

```
*** G02 ***
GRAND TOTAL
***********                                                                                              *** G02 ***

    AREA SOURCES                          36512          15889          37534          42780          263361

    POINT SOURCES                          1856          92855          32553           7294            2164

    TOTAL                                 38368         108744          70087          50074          265525
```

```
*** G03 ***                                                                                          *** G03 ***
                AREA SOURCES                58          290          53          1          30
          RESIDUAL OIL
                AREA SOURCES                 3           59          12          0           0
          DISTILLATE OIL
                AREA SOURCES                 1           21          14          0           2
          TOTAL (COMM-INST)
                AREA SOURCES                70          398          88          1          32

       TOTAL (EXTERNAL COMB)
                AREA SOURCES              1839         2397         953       3073       10073
                POINT SOURCES             2663        69297       38494        149        1316
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              1839         2397         953       3073       10073
                POINT SOURCES             2663        69297       38494        149        1316
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   2            2           0          5           0
    PRIMARY METAL                           21            0           2         21         572
    MINERAL PRODUCTS                       598           43        1078         17        1060
    PETROLEUM INDUSTRY                      74         4058        1693         93         391
    WOOD PRODUCTS                            2            0           0          0           0
    PETROLEUM STORAGE/TRANSPORT              0            0           0        938           0
    TOTAL (INDUSTRIAL)                     697         4103        2773       1074        2023
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                13            0           0         34         112
        OPEN BURNING                       505           18         128        679        2155
        TOTAL (RESIDENTIAL)                518           18         128        713        2267
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 5            1           2          3          11
                POINT SOURCES                0            0           0          0           1
        TOTAL (COMM-INST)
                AREA SOURCES                 5            1           2          3          11
                POINT SOURCES                0            0           0          0           1
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 7            1           1          7          12
                POINT SOURCES                0            0           0          0           2
        OPEN BURNING
                AREA SOURCES                 8            0           4         12          40
        TOTAL (INDUSTRIAL)
                AREA SOURCES                15            1           5         19          52
                POINT SOURCES                0            0           0          0           2
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               538           20         135        735        2330
                POINT SOURCES                0            0           0          0           3
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
SELECT CARD = <19    019                                                                              45>
STATE 19 COUNTY 0580 NOT FOUND IN POINT FILE
STATE 19 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 19 COUNTY 3140 NOT FOUND IN POINT FILE
```

```
*** G05 ***                                                                                      *** G05 ***
            POINT SOURCES               74          532          221            1            6
        RESIDUAL OIL
            POINT SOURCES              273         3881          640           13           59
        DISTILLATE OIL
            AREA SOURCES                59          883          611            7          155
            POINT SOURCES               21          709          144            2           36
        NATURAL GAS
            AREA SOURCES                 1            0           56            1            9
            POINT SOURCES                0            0            1            0            0
        WOOD
            POINT SOURCES                1            0            0            1            1
        TOTAL (COMM-INST)
            AREA SOURCES               187         1317          822            8          172
            POINT SOURCES              369         5122         1006           17          102

     TOTAL (EXTERNAL COMB)
            AREA SOURCES             15378         9313         5506        30178        90413
            POINT SOURCES             8274       102716        19522         1342         4473

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                  21           20          299           20           65
        TOTAL (ELEC GEN)                21           20          299           20           65

     TOTAL (INTERNAL COMB)              21           20          299           20           65

  TOTAL (FUEL COMBUSTION)

           AREA SOURCES              15378         9313         5506        30178        90413
           POINT SOURCES              8295       102736        19821         1362         4538
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               91            0            0           13            0
   FOOD/AGRICULTURAL                   105            0            0            0            1
   SECONDARY METALS                     10            3           20           13            3
   MINERAL PRODUCTS                   4438         2314          617           87           41
   WOOD PRODUCTS                      5691        11223         1466           13        32904
   ORGANIC SOLVENT EVAPORATION           0            0            0         5092            0
   PETROLEUM STORAGE/TRANSPORT           0            0            0        11767            0
   TEXTILE MANUFACTURING                 3            0            0           24            0
   OTHER/NOT CLASSIFIED                  0         1986            0          729            0
   TOTAL (INDUSTRIAL)                10338        15526         2103        17738        32949
SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

     MUNICIPAL INCINERATION             62            5            7            3           76
     TOTAL (GOVERNMENT)                 62            5            7            3           76

  RESIDENTIAL (AREA)

     ON SITE INCINERATION              644            7           21         1817         5449
     OPEN BURNING                     2166           80          556         2923         9270
     TOTAL (RESIDENTIAL)              2810           87          577         4740        14719

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
             AREA SOURCES              165           53           80           98          229
     OPEN BURNING
```

```
*** G06 ***           -
SELECT CARD = <20    110                                                                              *** G06 **
                                                                  45>
```

```
*** G07 ***
SELECT CARD = <21    112                                                        45>                    *** G07
```

INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	93	18	18	84	126
POINT SOURCES	20	40	44	101	205
OPEN BURNING					
AREA SOURCES	61	3	22	107	374
TOTAL (INDUSTRIAL)					
AREA SOURCES	154	21	40	191	500
POINT SOURCES	20	40	44	101	205
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1642	95	413	2300	7102
POINT SOURCES	132	274	325	241	3481
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	49913	1638	33603	44880	478341
LIGHT DUTY TRUCKS	8102	381	7414	9375	87299
HEAVY DUTY VEHICLES	1980	143	4360	6151	96145
OFF HIGHWAY	101	55	1122	2984	37718
TOTAL (GASOLINE)	60096	2217	46499	63390	699503
DIESEL					
HEAVY DUTY VEHICLES	4950	1941	17867	2703	8386
OFF HIGHWAY	354	277	3329	508	1006
RAIL	169	384	2493	604	876
TOTAL (DIESEL)	5473	2602	23689	3815	10268
AIRCRAFT					
MILITARY	887	57	455	1044	2155
CIVIL	10	5	43	133	2666
COMMERCIAL	27	62	642	569	1767
TOTAL (AIRCRAFT)	924	124	1140	1746	6588
VESSELS					
DIESEL FUEL	239	298	2226	556	779
RESIDUAL OIL	442	5829	958	58	32
GASOLINE	0	9	46	1030	3672
TOTAL (VESSELS)	681	6136	3230	1644	4483
TOTAL (TRANSPORTATION)	67174	11079	74558	70595	720842
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	572	5	136	646	4715
STRUCTURAL FIRES	307	0	29	228	1246
GASOLINE STA EVAP LOSS	0	0	0	8151	0
SOLVENT EVAPORATION LOSS	0	0	0	34284	0
UNPAVED ROADS	14587	0	0	0	0
UNPAVED AIRSTRIPS	17	0	0	0	0
TOTAL (MISCELLANEOUS)	15483	5	165	43309	5961
GRAND TOTAL					
***********					
AREA SOURCES	90197	14246	84513	129060	769579

```
*** G09 ***
GRAND TOTAL
***********                                                                                                   *** G09 ***

     AREA SOURCES                          29792          3900          21752          56832          295647

     POINT SOURCES                          2617         27977           8946          18691            2507

     TOTAL                                 32409         31877          30698          75523          298154
```

```
*** G10 ***                                                                                        *** G10 ***
          NATURAL GAS
             AREA SOURCES                  10          2         320         17         64
             POINT SOURCES                  0          0          12          0          3
          TOTAL (COMM-INST)
             AREA SOURCES                 182       1313         949         27        165
             POINT SOURCES                 28        412         140         24         17

       TOTAL (EXTERNAL COMB)
             AREA SOURCES                1073       3711        3642       1486       4802
             POINT SOURCES               2433     161701       38178       5202       2498
    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                1073       3711        3642       1486       4802
             POINT SOURCES               2433     161701       38178       5202       2498
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  1          0           0          5          0
    FOOD/AGRICULTURAL                       3          0           0          0          0
    SECONDARY METALS                       17          0           0          0          0
    MINERAL PRODUCTS                        3          0           0          0          0
    WOOD PRODUCTS                           4          0           0          0          0
    ORGANIC SOLVENT EVAPORATION             1          0           0       9277          0
    METAL FABRICATION                       3          0           0          0          0
    OTHER/NOT CLASSIFIED                    5          0           0          0          0
    TOTAL (INDUSTRIAL)                     37          0           0       9282          0
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION              77         64          77         38        893
       OTHER INCINERATION                   1          0           0          0          0
       TOTAL (GOVERNMENT)                  78         64          77         38        893
   RESIDENTIAL (AREA)

       ON SITE INCINERATION               190          3           6        535       1604
       OPEN BURNING                      2219         83         568       2993       9494
       TOTAL (RESIDENTIAL)               2409         86         574       3528      11098
   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                  25          8          12         15         35
             POINT SOURCES                  1          0           0          0          2
       OPEN BURNING
             AREA SOURCES                   2          0           1          3          9
       TOTAL (COMM-INST)
             AREA SOURCES                  27          8          13         18         44
             POINT SOURCES                  1          0           0          0          2
   INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                   3          1           1          3          4
             POINT SOURCES                  3          0           1          1          2
       OPEN BURNING
             AREA SOURCES                  14          1           5         24         85
       TOTAL (INDUSTRIAL)
             AREA SOURCES                  17          2           6         27         89
             POINT SOURCES                  3          0           1          1          2
```

```
SELECT CARD = <23    122                                                               45>
STATE 23 COUNTY 2780 NOT FOUND IN POINT FILE
```

```
*** G12 ***
                                                                                                   *** G12 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:23 MICHIGAN       AQCR:125 SOUTH CENTRAL MICHIGAN         AREA EMISSIONS AS OF:  TUESDAY NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC            CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            0              1              0              0              4
         BITUMINOUS COAL           46             92              7             30            267
         DISTILLATE OIL           106           1221            761             29            212
         NATURAL GAS               88             17           2871            152            574
         WOOD                    4865             51            386          10099          30018
         TOTAL (RESIDENTIAL)     5105           1382           4025          10310          31075
      ELEC GENERATION (POINT)

         BITUMINOUS COAL         1727          20640          16633            136            543
         RESIDUAL OIL             144             92             26             33             52
         DISTILLATE OIL             0             12              2              0              0
         NATURAL GAS               54              2           1698             15             41
         TOTAL (ELEC GEN)        1925          20746          18359            184            636
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES        3675           5973           2005            128            250
         RESIDUAL OIL
            POINT SOURCES         386           5896           2582             45             86
         DISTILLATE OIL
            POINT SOURCES           7             95             21              3              6
         NATURAL GAS
            AREA SOURCES           13              1           4921           1763            646
            POINT SOURCES          49             40           2839            226            105
         TOTAL (INDUSTRIAL)
            AREA SOURCES           13              1           4921           1763            646
            POINT SOURCES        4117          12004           7447            402            447
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES            8             32             10              0              0
         BITUMINOUS COAL
            AREA SOURCES           68            246             84              3             49
         RESIDUAL OIL
            AREA SOURCES           10             68             32              0              2
            POINT SOURCES          15            118             42              1              5
         DISTILLATE OIL
            AREA SOURCES           19            292            204              2             50
         NATURAL GAS
```

HEAVY DUTY VEHICLES	253	29	981	879	14156
OFF HIGHWAY	23	12	267	707	8965
TOTAL (GASOLINE)	6196	423	9999	10480	101885
DIESEL					
HEAVY DUTY VEHICLES	630	328	2939	331	1004
OFF HIGHWAY	242	192	2296	351	696
RAIL	64	142	934	227	329
TOTAL (DIESEL)	936	662	6169	909	2029
AIRCRAFT					
CIVIL	2	1	18	52	1054
TOTAL (AIRCRAFT)	2	1	18	52	1054
VESSELS					
GASOLINE	0	7	45	977	3482
TOTAL (VESSELS)	0	7	45	977	3482
TOTAL (TRANSPORTATION)	7134	1093	16231	12418	108450
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	719	8	169	810	5912
STRUCTURAL FIRES	72	0	5	53	288
GASOLINE STA EVAP LOSS	0	0	0	1487	0
SOLVENT EVAPORATION LOSS	0	0	0	4152	0
UNPAVED ROADS	80088	0	0	0	0
UNPAVED AIRSTRIPS	1	0	0	0	0
TOTAL (MISCELLANEOUS)	80880	8	174	6502	6200
GRAND TOTAL ***********					
AREA SOURCES	91175	1574	18563	25525	133588
POINT SOURCES	8420	35080	55457	3307	2082
TOTAL	99595	36654	74020	28832	135670

```
*** G14 ***                                                                                  *** G14 ***
                AREA SOURCES             20          291          202            3           51
               POINT SOURCES              0           31            6            0            1
         NATURAL GAS
                AREA SOURCES             52           10         1751           93          349
               POINT SOURCES              7            2          544            7           98
         WOOD
               POINT SOURCES              6            0            2            5           12
         TOTAL (COMM-INST)
                AREA SOURCES             72          301         1953           96          400
               POINT SOURCES            177         4081         1951           21          364

      TOTAL (EXTERNAL COMB)
                AREA SOURCES           1111         1645        15527         4835         7172
               POINT SOURCES           2796        63081        36170          148         1641

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   1            9            9            0            2
         TOTAL (ELEC GEN)                 1            9            9            0            2

      INDUSTRIAL FUEL

         NATURAL GAS                      3            0          425           10           63
         TOTAL (INDUSTRIAL)               3            0          425           10           63

      COMM-INSTITUTIONAL

         TOTAL (COMM-INST)                0            0           12            1            2

      ENGINE-TESTING

         TOTAL (ENG TESTNG)               6            6           13           20           16

      TOTAL (INTERNAL COMB)              10           15          459           31           83

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1111         1645        15527         4835         7172
               POINT SOURCES           2806        63096        36629          179         1724
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               358         7817          428          282          262
   FOOD/AGRICULTURAL                   2245            0            0          132            0
   PRIMARY METAL                          2            0            0            0         3456
   SECONDARY METALS                     283          955            3            0          667
   MINERAL PRODUCTS                   10631          410          651         1345           79
   PETROLEUM INDUSTRY                  2926         9672         2116         3480          354
   WOOD PRODUCTS                         49            0            0            0            0
   ORGANIC SOLVENT EVAPORATION            0            0            0        21060            0
   PETROLEUM STORAGE/TRANSPORT            0            0            0        13745            0
   METAL FABRICATION                      1            0            0            0            0
   TOTAL (INDUSTRIAL)                 16495        18854         3198        40044         4818
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             1417           22           45         3987        11962
      OPEN BURNING                     1207           45          309         1628         5166
      TOTAL (RESIDENTIAL)              2624           67          354         5615        17128
```

```
SELECT CARD = <25    005                                                                 45>
STATE 25 COUNTY 0840 NOT FOUND IN POINT FILE
STATE 25 COUNTY 0860 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1320 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1340 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2760 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2940 NOT FOUND IN POINT FILE
```

*** 616 ***

AGRICULTURAL BURNING	73	0	10	67	483	*** 616 ***
STRUCTURAL FIRES	183	0	15	137	741	
GASOLINE STA EVAP LOSS	0	0	0	3371	0	
SOLVENT EVAPORATION LOSS	0	0	0	12982	0	
UNPAVED ROADS	184490	0	0	0	0	
TOTAL (MISCELLANEOUS)	185191	0	117	16939	4117	

GRAND TOTAL
****

AREA SOURCES	208761	8214	58493	60607	249162
POINT SOURCES	2755	3785	5496	8063	20546
TOTAL	211516	11999	63989	68670	269708

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:26 MISSOURI AQCR:137 NORTHERN MISSOURI

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	2	11	0	0	11
DISTILLATE OIL	20	234	146	0	41
NATURAL GAS	25	1	1015	53	201
WOOD	4627	45	367	9604	28551
TOTAL (RESIDENTIAL)	4674	291	1526	9657	28804
ELEC GENERATION (POINT)					
BITUMINOUS COAL	32864	108472	23295	237	1074
RESIDUAL OIL	8	281	100	2	3
NATURAL GAS	9	1	668	3	45
TOTAL (ELEC GEN)	32881	108754	24063	242	1122
INDUSTRIAL FUEL					
ANTHRACITE COAL					
POINT SOURCES	74	1108	525	9	29
BITUMINOUS COAL					
AREA SOURCES	305	2576	475	0	61
POINT SOURCES	3283	2228	973	6	13
RESIDUAL OIL					
POINT SOURCES	440	742	496	5	24
DISTILLATE OIL					
AREA SOURCES	6	36	42	0	12
POINT SOURCES	2	8	7	1	1
NATURAL GAS					
POINT SOURCES	33	6	4281	30	357
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
OTHER					
POINT SOURCES	110	790	379	124	61
TOTAL (INDUSTRIAL)					
AREA SOURCES	311	2612	517	0	73
POINT SOURCES	3942	4882	6662	175	485
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	30	181	18	0	10
RESIDUAL OIL					
AREA SOURCES	3	88	19	0	1
DISTILLATE OIL					

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SELECT CARD = <27    140                                                                                45>
STATE 27 COUNTY 0060 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0180 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0620 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0780 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1140 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1180 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1520 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1540 NOT FOUND IN POINT FILE
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*** H01 ***
    RESIDENTIAL (AREA)                                                                                  *** H01 ***

        ON SITE INCINERATION            161          1          1        456       1442
        OPEN BURNING                   6857        255       1750       9251      29337
        TOTAL (RESIDENTIAL)            7018        256       1751       9707      30779

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            106         25         51         63        184
                POINT SOURCES            15         10         12         64        718
        OPEN BURNING
                AREA SOURCES              4          0          1          9         21
        TOTAL (COMM-INST)
                AREA SOURCES            110         25         52         72        205
                POINT SOURCES            15         10         12         64        718

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            161         22         22        152        253
                POINT SOURCES           126         10         33         71       1022
        OPEN BURNING
                AREA SOURCES            103          1         44        165        569
        TOTAL (INDUSTRIAL)
                AREA SOURCES            264         23         66        317        822
                POINT SOURCES           126         10         33         71       1022

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           7392        304       1869      10096      31806
                POINT SOURCES           145         23        235        230       1742

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       51951       2393      53406      61328     589550
            LIGHT DUTY TRUCKS         15650       1138      22726      22569     185025
            HEAVY DUTY VEHICLES        4332        431      14081      14290     227972
            OFF HIGHWAY                 165         80       1925       5120      64665
            TOTAL (GASOLINE)          72098       4042      92138     103307    1067212

        DIESEL

            HEAVY DUTY VEHICLES       10363       4954      44712       5540      16900
            OFF HIGHWAY                1264        977      11857       1800       3588
            RAIL                       1703       3868      25106       6087       8827
            TOTAL (DIESEL)            13330       9799      81675      13427      29315

    AIRCRAFT

        MILITARY                        922         59        473       1085       2239
        CIVIL                             9          5         81        269       5459
        COMMERCIAL                       41         95        999        885       2750
        TOTAL (AIRCRAFT)                972        159       1553       2239      10448

    VESSELS

        DIESEL FUEL                     818       1029       7646       1914       2677
        GASOLINE                          0         37        206       4661      16614
        TOTAL (VESSELS)                 818       1066       7852       6575      19291

    TOTAL (TRANSPORTATION)            87218      15066     183218     125548    1126266
```

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*** H02 ***
SELECT CARD = <18    079                                                    45>                                  *** H02 ***
```

GASOLINE					
LIGHT DUTY VEHICLES	2898	166	3806	3987	35960
LIGHT DUTY TRUCKS	1216	100	2033	1947	15322
HEAVY DUTY VEHICLES	258	29	987	879	14161
OFF HIGHWAY	9	5	121	326	4103
TOTAL (GASOLINE)	4381	300	6947	7139	69546
DIESEL					
HEAVY DUTY VEHICLES	668	348	3096	350	1065
OFF HIGHWAY	110	84	1031	155	310
RAIL	123	277	1799	438	631
TOTAL (DIESEL)	901	709	5926	943	2006
AIRCRAFT					
CIVIL	0	0	6	16	328
TOTAL (AIRCRAFT)	0	0	6	16	328
VESSELS					
DIESEL FUEL	84	105	782	196	273
GASOLINE	0	2	13	276	981
TOTAL (VESSELS)	84	107	795	472	1254
TOTAL (TRANSPORTATION)	5366	1116	13674	8570	73134
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	4358	36	1026	4923	35892
STRUCTURAL FIRES	67	0	3	48	267
GASOLINE STA EVAP LOSS	0	0	0	955	0
SOLVENT EVAPORATION LOSS	0	0	0	2559	0
UNPAVED ROADS	29680	0	0	0	0
TOTAL (MISCELLANEOUS)	34105	36	1029	8485	36159
GRAND TOTAL ***********					
AREA SOURCES	41848	3569	15791	20863	121696
POINT SOURCES	3360	73400	41267	1223	3342
TOTAL	45208	76969	57058	22086	125038

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****
STATE:19 LOUISIANA AQCR:019 MONROE-EL DORADO

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
NATURAL GAS	12	1	392	21	79
WOOD	1268	14	100	2630	7819
TOTAL (RESIDENTIAL)	1280	15	492	2651	7898
ELEC GENERATION (POINT)					
RESIDUAL OIL	45	559	300	3	22
NATURAL GAS	30	6	5437	14	395
TOTAL (ELEC GEN)	75	565	5737	17	417
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	141	874	290	1	37
RESIDUAL OIL					
POINT SOURCES	265	2426	366	2	33
DISTILLATE OIL					
AREA SOURCES	10	120	136	3	33
POINT SOURCES	63	2277	632	6	158
NATURAL GAS					
AREA SOURCES	1	0	865	345	119
POINT SOURCES	492	16	8191	26	993
WOOD					
POINT SOURCES	338	15	205	156	398
BAGASSE					
POINT SOURCES	1	1	2	1	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	152	994	1291	349	189
POINT SOURCES	1159	4735	9396	191	1583
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	385	7170	1126	22	101
NATURAL GAS					
AREA SOURCES	2	0	129	4	26
TOTAL (COMM-INST)					
AREA SOURCES	387	7170	1255	26	127
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1819	8179	3038	3026	8214
POINT SOURCES	1234	5300	15133	208	2000

AREA SOURCES	3	0	0	6	12
TOTAL (COMM-INST)					
AREA SOURCES	168	53	80	104	241
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	19	1	1	19	34
POINT SOURCES	405	6	58	637	7524
OPEN BURNING					
AREA SOURCES	24	0	10	41	145
POINT SOURCES	11	0	2	16	94
TOTAL (INDUSTRIAL)					
AREA SOURCES	43	1	11	60	179
POINT SOURCES	416	6	60	653	7618
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	3021	141	668	4904	15139
POINT SOURCES	478	11	67	656	7694
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	14905	720	15972	17281	170766
LIGHT DUTY TRUCKS	4719	321	6918	7356	62767
HEAVY DUTY VEHICLES	925	93	3094	3141	50011
OFF HIGHWAY	83	46	941	2500	31596
TOTAL (GASOLINE)	20632	1180	26925	30278	315140
DIESEL					
HEAVY DUTY VEHICLES	2183	1060	9572	1166	3545
OFF HIGHWAY	236	187	2233	340	673
RAIL	70	155	998	242	350
TOTAL (DIESEL)	2489	1402	12803	1748	4568
AIRCRAFT					
MILITARY	396	25	204	465	961
CIVIL	11	3	45	135	2686
COMMERCIAL	8	19	201	178	554
TOTAL (AIRCRAFT)	415	47	450	778	4201
VESSELS					
DIESEL FUEL	35	44	326	81	113
RESIDUAL OIL	60	782	128	8	4
GASOLINE	0	27	162	3574	12745
TOTAL (VESSELS)	95	853	616	3663	12862
TOTAL (TRANSPORTATION)	23631	3482	40794	36467	336771
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	333	3	78	377	2742
AGRICULTURAL BURNING	220	0	31	203	1464
STRUCTURAL FIRES	284	0	27	211	1155
GASOLINE STA EVAP LOSS	0	0	0	4704	0
SOLVENT EVAPORATION LOSS	0	0	0	15866	0
UNPAVED ROADS	62320	0	0	0	0
UNPAVED AIRSTRIPS	44	0	0	[illegible]	0

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*** H06 ***                                                                                       *** H06 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************
STATE:20 MAINE          AQCR:110 METROPOLITAN PORTLAND                            RUN DATE:   MONDAY  NOVEMBER 28, 1983
                                                                    AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               2              7              1              2             23
         DISTILLATE OIL               99           1149            719             28            200
         NATURAL GAS                   1              0             39              2              7
         WOOD                       2055             22            163           4268          12686
         TOTAL (RESIDENTIAL)        2157           1178            922           4300          12916
      ELEC GENERATION (POINT)

         RESIDUAL OIL                209          11653           4680             56            368
         TOTAL (ELEC GEN)            209          11653           4680             56            368
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               0              7              3              0              0
         BITUMINOUS COAL
            AREA SOURCES             112           1233            306              1             39
         RESIDUAL OIL
            POINT SOURCES            777          10980           1659              8            152
         DISTILLATE OIL
            AREA SOURCES               8             73             83              2             20
            POINT SOURCES              4             97             18              0              5
         NATURAL GAS
            AREA SOURCES               0              0             13              0              3
            POINT SOURCES              0              0              8              0              2
         COKE
            AREA SOURCES               2              5              2              0              0
         WOOD
            POINT SOURCES            133              4             37             42             99
         TOTAL (INDUSTRIAL)
            AREA SOURCES             122           1318            407              3             62
            POINT SOURCES            914          11081           1722             50            258
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              53            178             64              0              4
         RESIDUAL OIL
            POINT SOURCES             77           1198            181              4             16
         DISTILLATE OIL
            AREA SOURCES              21            315            218
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*** H07 ***                                                                                                    *** H07 *

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                             RUN DATE:   MONDAY   NOVEMBER 28, 19
STATE:21 MARYLAND        AQCR:112 CENTRAL MARYLAND                    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 19
                                                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 19

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0              1              0              0              2
         BITUMINOUS COAL               6             25              1              4             34
         DISTILLATE OIL               15            171            107              4             30
         NATURAL GAS                   1              0             29              2              6
         WOOD                        965             10             76           2004           5956
         TOTAL (RESIDENTIAL)         987            207            213           2014           6028
      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES               2             15             17              1              4
         NATURAL GAS
            AREA SOURCES               1              0            180             48             22
            POINT SOURCES              0              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               3             15            197             49             26
            POINT SOURCES              0              0              1              0              0
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               1              3              1              0              0
         BITUMINOUS COAL
            POINT SOURCES             21            112             11              0              9
         RESIDUAL OIL
            POINT SOURCES             65            920            175              1             12
         DISTILLATE OIL
            AREA SOURCES               0              5              3              0              1
            POINT SOURCES              0              0              1              0              0
         NATURAL GAS
            AREA SOURCES               1              0             20              1              4
         TOTAL (COMM-INST)
            AREA SOURCES               2              8             24              1              5
            POINT SOURCES             86           1032            187              1             21
      TOTAL (EXTERNAL COMB)
            AREA SOURCES             992            230            434           2064           6059
            POINT SOURCES             86           1032            188              1             21
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             992            230
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POINT SOURCES                 9537        64213        32722        36316        20581
TOTAL                        99734        78459       117235       165376       790160
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*** H09 ***
SELECT CARD = <22    117                                                          *** H09 ***
                                                          45>
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*** H10 ***                                                                                    *** H10 ***
   TOTAL (SOLID WASTE DISP)
             AREA SOURCES                2453        96       593      3573     11231
             POINT SOURCES                 82        64        78        39       897
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            18392       658     15086     20600    212884
         LIGHT DUTY TRUCKS               2885       140      2938      3895     35968
         HEAVY DUTY VEHICLES              586        46      1434      1848     29037
         OFF HIGHWAY                       49        26       540      1436     18149
         TOTAL (GASOLINE)               21912       870     19998     27779    296038
      DIESEL

         HEAVY DUTY VEHICLES              976       410      3749       529      1634
         OFF HIGHWAY                       41        32       386        59       117
         RAIL                              11        25       163        40        57
         TOTAL (DIESEL)                  1028       467      4298       628      1808
   AIRCRAFT

      MILITARY                            173        11        89       204       421
      CIVIL                                 4         2        17        52      1033
      COMMERCIAL                           22        52       539       478      1485
      TOTAL (AIRCRAFT)                    199        65       645       734      2939
   VESSELS

      DIESEL FUEL                          19        24       177        44        62
      RESIDUAL OIL                         15       198        33         2         1
      GASOLINE                              0        19       107      2351      8380
      TOTAL (VESSELS)                      34       241       317      2397      8443

   TOTAL (TRANSPORTATION)               23173      1643     25258     31538    309228
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       197         2        46       223      1624
   STRUCTURAL FIRES                       198         0        19       149       808
   GASOLINE STA EVAP LOSS                   0         0         0      3012         0
   SOLVENT EVAPORATION LOSS                 0         0         0     12686         0
   UNPAVED ROADS                         1226         0         0         0         0
   TOTAL (MISCELLANEOUS)                 1621         2        65     16070      2432
GRAND TOTAL
***********

   AREA SOURCES                         28320      5452     29558     52667    327693

   POINT SOURCES                         2552    161765     38256     14523      3395

   TOTAL                                30872    167217     67814     67190    331088
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NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:23 MICHIGAN AQCR:122 CENTRAL MICHIGAN

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	22	43	0	15	134
DISTILLATE OIL	145	1663	1040	40	288
NATURAL GAS	139	25	4615	243	921
WOOD	16204	170	1281	33642	99992
TOTAL (RESIDENTIAL)	16510	1901	6936	33940	101335
ELEC GENERATION (POINT)					
BITUMINOUS COAL	42883	171128	64890	458	1754
RESIDUAL OIL	440	8154	4738	181	439
DISTILLATE OIL	0	36	59	2	14
NATURAL GAS	6	0	385	1	11
TOTAL (ELEC GEN)	43329	179318	70072	642	2218
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	7901	48398	16578	323	710
RESIDUAL OIL					
POINT SOURCES	405	5086	2684	44	111
DISTILLATE OIL					
POINT SOURCES	151	486	563	31	43
NATURAL GAS					
AREA SOURCES	18	3	7106	2547	932
POINT SOURCES	87	11	6445	65	274
TOTAL (INDUSTRIAL)					
AREA SOURCES	18	3	7106	2547	932
POINT SOURCES	8544	53981	26270	463	1138
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	11	42	13	0	0
BITUMINOUS COAL					
AREA SOURCES	97	354	119	4	68
POINT SOURCES	70	86	43	5	8
RESIDUAL OIL					
AREA SOURCES	13	104	47	0	2
POINT SOURCES	27	175	69	5	4
DISTILLATE OIL					
AREA SOURCES	30	448	314	2	78
NATURAL GAS					

```
*** H12 ***
              AREA SOURCES             43        7      1384       74      278   *** H12 ***
              POINT SOURCES             0        0        98        0        4
        TOTAL (COMM-INST)
              AREA SOURCES            148      645      1714       79      379
              POINT SOURCES            15      118       140        1        9

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           5266     2028     10660    12152    32100
              POINT SOURCES          6057    32868     25946      587     1092
    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL                 32       84       446       12       36
        NATURAL GAS                    11        0       310        8       43
        TOTAL (ELEC GEN)               43       84       756       20       79

      TOTAL (INTERNAL COMB)            43       84       756       20       79

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           5266     2028     10660    12152    32100
              POINT SOURCES          6100    32952     26702      607     1171
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                   9        0         0        0        0
    SECONDARY METALS                  388       69        19        0     7394
    MINERAL PRODUCTS                  178       68        28       58       28
    PETROLEUM INDUSTRY                  0      319       320      512        0
    ORGANIC SOLVENT EVAPORATION        63        0         0    34211        0
    PETROLEUM STORAGE/TRANSPORT         0        0         0     3232        0
    OTHER/NOT CLASSIFIED                0      100         0        0        0
    TOTAL (INDUSTRIAL)                638      556       367    38013     7422
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

      OTHER INCINERATION               12        3        18        3        0
      TOTAL (GOVERNMENT)               12        3        18        3        0

    RESIDENTIAL (AREA)

      ON SITE INCINERATION            960       13        29     2695     8082
      OPEN BURNING                   1479       55       378     1993     6321
      TOTAL (RESIDENTIAL)            2439       68       407     4688    14403

    COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES            190       60        91      110      260
              POINT SOURCES             2        1         1      130      390
      OPEN BURNING
              AREA SOURCES              5        0         0       10       20
      TOTAL (COMM-INST)
              AREA SOURCES            195       60        91      120      280
              POINT SOURCES             2        1         1      130      390
    INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES             22        3         3       21       35
```

```
SELECT CARD = <24    128                                                    45>
STATE 24 COUNTY 1540 NOT FOUND IN POINT FILE
```

```
*** H14 ***
    COMMERCIAL-INSTITUTIONAL                                                                              *** H14 ***

        ON SITE INCINERATION
                POINT SOURCES              205          61          247          76          69
        OPEN BURNING
                AREA SOURCES                 5           0            1           9          21
        TOTAL (COMM-INST)
                AREA SOURCES                 5           0            1           9          21
                POINT SOURCES              205          61          247          76          69
    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               13           9           10          28          52
        TOTAL (INDUSTRIAL)
                POINT SOURCES               13           9           10          28          52

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              2629          67          355        5624       17149
                POINT SOURCES              218          70          257         104         121
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          48973        1357        29272       45043      522393
            LIGHT DUTY TRUCKS            11097         425         8748       13573      136397
            HEAVY DUTY VEHICLES           2099         136         4000        6594      101760
            OFF HIGHWAY                    151          81         1680        4469       56518
            TOTAL (GASOLINE)             62320        1999        43700       70679      817068
        DIESEL

            HEAVY DUTY VEHICLES           6218        2237        20792        3621       10687
            OFF HIGHWAY                   1177         922        11080        1686        3348
            RAIL                           389         888         5766        1399        2027
            TOTAL (DIESEL)                7784        4047        37638        6506       16062
    AIRCRAFT

        MILITARY                           102           7           53         121         249
        CIVIL                               16           9           73         222        4459
        COMMERCIAL                          40          93          970         859        2670
        TOTAL (AIRCRAFT)                   158         109         1096        1202        7378
    VESSELS

        DIESEL FUEL                         13          16          118          30          41
        GASOLINE                             0           5           27         626        2226
        TOTAL (VESSELS)                     13          21          145         656        2267

    TOTAL (TRANSPORTATION)               70275        6176        82579       79043      842775
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       165           2           38         185        1354
    STRUCTURAL FIRES                       536           0           51         401        2182
    GASOLINE STA EVAP LOSS                   0           0            0        8172           0
    SOLVENT EVAPORATION LOSS                 0           0            0       39652           0
    UNPAVED ROADS                       167199           0            0           0           0
    TOTAL (MISCELLANEOUS)               167900           2           89       48410        3536
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:25 MISSISSIPPI AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-S

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	0	6	4	0	0
NATURAL GAS	28	2	1037	54	206
WOOD	4833	51	383	10027	29803
TOTAL (RESIDENTIAL)	4861	59	1424	10081	30009
ELEC GENERATION (POINT)					
BITUMINOUS COAL	7648	82064	27973	109	2120
RESIDUAL OIL	2501	7605	1252	52	542
DISTILLATE OIL	4	66	41	3	8
NATURAL GAS	193	28	18079	228	896
TOTAL (ELEC GEN)	10346	89763	47345	392	3566
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	238	2633	654	1	83
RESIDUAL OIL					
POINT SOURCES	1705	29374	4210	664	1092
DISTILLATE OIL					
AREA SOURCES	24	263	296	5	67
POINT SOURCES	292	8949	1050	473	931
NATURAL GAS					
AREA SOURCES	74	11	35881	13585	4799
POINT SOURCES	106	1912	10605	3212	7020
WOOD					
POINT SOURCES	822	4224	2384	8059	4360
TOTAL (INDUSTRIAL)					
AREA SOURCES	336	2907	36831	13591	4949
POINT SOURCES	2925	44459	18249	12408	13403
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	717	11539	2103	40	190
DISTILLATE OIL					
AREA SOURCES	3	62	46	0	9
NATURAL GAS					
AREA SOURCES	15	1	640	30	127
TOTAL (COMM-INST)					
AREA SOURCES	735	11602	2789	70	326
TOTAL (EXTERNAL COMB)					

```
*** H16 ***
SELECT CARD = <26                                                                    *** H16 ***
                                                          25>
```

```
              AREA SOURCES              2          101           71            0           14
              POINT SOURCES             0            2            1            0            0
          NATURAL GAS
              AREA SOURCES              3            0          308           16           58
              POINT SOURCES            18            1          112         1252           19
          TOTAL (COMM-INST)
              AREA SOURCES             38          370          416           16           83
              POINT SOURCES            18            3          113         1252           19

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           5023         3273         2459         9671        28960
              POINT SOURCES         36841       113639        30838         1669         1626

   INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL              8           11          143           14           62
            NATURAL GAS                 3            2          431           24          128
            TOTAL (ELEC GEN)           11           13          574           38          190

        INDUSTRIAL FUEL

            DIESEL FUEL                 1            3           19            1            1
            TOTAL (INDUSTRIAL)          1            3           19            1            1

        TOTAL (INTERNAL COMB)          12           16          593           39          191

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES           5023         3273         2459         9671        28960
              POINT SOURCES         36853       113655        31431         1708         1817
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING          5601            0          158         5399        11780
     FOOD/AGRICULTURAL               1271            0            0            0            0
     SECONDARY METALS                  69            1            0            0          155
     MINERAL PRODUCTS               40294         6371         1982           33           76
     ORGANIC SOLVENT EVAPORATION      174            0            0         1239            0
     PETROLEUM STORAGE/TRANSPORT        0            0            0         2230            0
     OTHER/NOT CLASSIFIED             174            0            0            0            0
     TOTAL (INDUSTRIAL)             47583         6372         2140         8901        12011
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          0            0            0            0            1
        TOTAL (GOVERNMENT)              0            0            0            0            1

    RESIDENTIAL (AREA)

        OPEN BURNING                  494           11          128          658         2078
        TOTAL (RESIDENTIAL)           494           11          128          658         2078

    INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES          2104          537          236          228         1393
        TOTAL (INDUSTRIAL)
              POINT SOURCES          2104          537          236          228         1393

    TOTAL (SOLID WASTE DISP)
```

```
*** H18 ***
                                                                                                   *** H18 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:27 MONTANA        AQCR:140 BILLINGS                          AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               69             173              12              44             404
         DISTILLATE OIL                 1              36              14               0               4
         NATURAL GAS                    6               1             223              11              46
         WOOD                         258               2              20             532            1583
         TOTAL (RESIDENTIAL)          334             212             269             587            2035
      ELEC GENERATION (POINT)

         BITUMINOUS COAL              980            9804            5914              95             309
         NATURAL GAS                    9               7             205               4              20
         TOTAL (ELEC GEN)             989            9811            6119              99             329
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              267            1157             293               1              36
         RESIDUAL OIL
            AREA SOURCES              164            1772             471               2              42
            POINT SOURCES            1083            8246             465               2              22
         DISTILLATE OIL
            AREA SOURCES                3              49              36               1               9
            POINT SOURCES               0              29               4               0               1
         NATURAL GAS
            AREA SOURCES                0               0              68              27               9
            POINT SOURCES              12              25             596               2              48
         PROCESS GAS
            POINT SOURCES              10             263             166               3              16
         TOTAL (INDUSTRIAL)
            AREA SOURCES              434            2978             868              31              96
            POINT SOURCES            1105            8563            1231               7              87
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                2               7               1               0               0
         DISTILLATE OIL
            AREA SOURCES                3              83              38               0               8
         NATURAL GAS
            AREA SOURCES                4               1             147               6              28
            POINT SOURCES               0               0               6               0               1
         TOTAL (COMM-INST)
            AREA SOURCES                9              91             186               6              36
            POINT SOURCES               0               0               6               0               1
```

```
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                 20661        173       4867      23338     170160
    STRUCTURAL FIRES                   922          0         71        687       3742
    GASOLINE STA EVAP LOSS               0          0          0      16306          0
    SOLVENT EVAPORATION LOSS             0          0          0      44821          0
    UNPAVED ROADS                   162909          0          0          0          0
    UNPAVED AIRSTRIPS                   37          0          0          0          0
    TOTAL (MISCELLANEOUS)           184529        173       4938      85152     173902
GRAND TOTAL
***********

    AREA SOURCES                    314992      64895     210057     280897    1520385

    POINT SOURCES                    61447    1052141     310358      51636      68739

    TOTAL                           376439    1117036     520415     332533    1589124
```

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*** I02 ***
                                                                                                                    *** I02 ***
                                               NATIONAL EMISSIONS DATA SYSTEM
                                              ********************************
                                              ENVIRONMENTAL PROTECTION AGENCY
                                             **********************************
STATE/AQCR EMISSIONS REPORT
*****************************                                                     RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:079 METROPOLITAN CINCINNATI             AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                PARTICULATES        SOX             NOX             VOC             CO
                                ************   ************    ************    ************    ************
                                 TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0               1               0               0               6
         BITUMINOUS COAL               21              74               4              14             122
         DISTILLATE OIL                10             126              78               2              23
         NATURAL GAS                   11               2             379              20              75
         WOOD                         648               6              51            1346            3998
         TOTAL (RESIDENTIAL)          690             209             512            1382            4224
      ELEC GENERATION (POINT)

         BITUMINOUS COAL              363          125442           25036             103            1096
         DISTILLATE OIL                 0              53              21               0              12
         TOTAL (ELEC GEN)             363          125495           25057             103            1108
      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             327            2453             678               2              87
             POINT SOURCES              4               2               1               0               0
         RESIDUAL OIL
             AREA SOURCES               3              38               9               0               0
             POINT SOURCES              3              42              39               0               3
         DISTILLATE OIL
             AREA SOURCES              10             103             116               4              27
             POINT SOURCES              0               5               4               0               0
         NATURAL GAS
             AREA SOURCES               0               0              56              21               9
             POINT SOURCES              1               0             103               2              20
         LIQUID PETROL GAS
             POINT SOURCES              0               2               4               0               1
         TOTAL (INDUSTRIAL)
             AREA SOURCES             340            2594             859              27             123
             POINT SOURCES              8              51             151               2              24
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES               9              34              11               0               0
         BITUMINOUS COAL
             AREA SOURCES              70             349              64               3              38
             POINT SOURCES             20              13               5               0               2
         RESIDUAL OIL
             AREA SOURCES               9             125              29               0               3
```

```
*** 103 ***
SELECT CARD = <18    104                                                                                          *** 103 ***
                                                                      45>
```

```
*** I04 ***
    INTERNAL COMBUSTION (POINT)                                                                            *** I04 ***

        ELECTRIC GENERATION

            DISTILLATE OIL                       13            13            145            7            20
            NATURAL GAS                           5             1           1139           26           104
            TOTAL (ELEC GEN)                     18            14           1284           33           124

        INDUSTRIAL FUEL

            NATURAL GAS                          63             9          17306         1242          2211
            TOTAL (INDUSTRIAL)                   63             9          17306         1242          2211

        TOTAL (INTERNAL COMB)                    81            23          18590         1275          2335

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   1819          8179           3038         3026          8214
                POINT SOURCES                  1315          5323          33723         1483          4335
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                        3             0              0           11             0
    SECONDARY METALS                              1             1              1            1             1
    MINERAL PRODUCTS                            119            11              6           11           201
    PETROLEUM INDUSTRY                          304          6164            905           20           174
    WOOD PRODUCTS                              3077          2598           1014         1432         23185
    ORGANIC SOLVENT EVAPORATION                   0             0              0           32             0
    PETROLEUM STORAGE/TRANSPORT                   0             0              0           71             0
    OTHER/NOT CLASSIFIED                          2             2              3            2             2
    TOTAL (INDUSTRIAL)                         3506          8776           1929         1580         23563
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     91             1              1          255           767
        OPEN BURNING                            825            32            212         1114          3529
        TOTAL (RESIDENTIAL)                     916            33            213         1369          4296

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                    14             1              4           14            42
        TOTAL (COMM-INST)
                POINT SOURCES                    14             1              4           14            42

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                    73             7             10           93           701
        OPEN BURNING
                POINT SOURCES                   160             0             19           38           471
        TOTAL (INDUSTRIAL)
                POINT SOURCES                   233             7             29          131          1172

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                    916            33            213         1369          4296
                POINT SOURCES                   247             8             33          145          1214
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** I05 ***
    TOTAL (MISCELLANEOUS)                      63201            3           136         21361          5361   *** I05 ***
GRAND TOTAL
***********

    AREA SOURCES                              105231        12939         47104         92910        447684
    POINT SOURCES                              19111       118273         21991         19756         45181
    TOTAL                                     124342       131212         69095        112666        492865
```

```
              POINT SOURCES                  17          427           56            1           14
          NATURAL GAS
              AREA SOURCES                    1            0           24            1            5
              POINT SOURCES                   0            0            1            0            0
          TOTAL (COMM-INST)
              AREA SOURCES                   75          493          306            4           64
              POINT SOURCES                  94         1625          238            5           30

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                 2354         2989         1635         4307        13042
              POINT SOURCES                1217        24359         6640          111          656
   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 2354         2989         1635         4307        13042
              POINT SOURCES                1217        24359         6640          111          656
INDUSTRIAL PROCESS (POINT)
**************************

    SECONDARY METALS                          4            3           20           13            0
    MINERAL PRODUCTS                        840           89           26           22           10
    WOOD PRODUCTS                           199          276          102            0         2093
    ORGANIC SOLVENT EVAPORATION               0            0            0         2510            0
    PETROLEUM STORAGE/TRANSPORT               0            0            0         5761            0
    TOTAL (INDUSTRIAL)                     1043          368          148         8306         2103
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               62            5            7            3           76
        TOTAL (GOVERNMENT)                   62            5            7            3           76
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                237            3            7          665         1994
        OPEN BURNING                        839           31          215         1133         3592
        TOTAL (RESIDENTIAL)                1076           34          222         1798         5586
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                   61           20           29           35           84
        OPEN BURNING
              AREA SOURCES                    2            0            0            4            8
        TOTAL (COMM-INST)
              AREA SOURCES                   63           20           29           39           92
    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES                    5            1            1            5            8
        OPEN BURNING
              AREA SOURCES                    8            0            3           14           50
        TOTAL (INDUSTRIAL)
              AREA SOURCES                   13            1            4           19           58
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 1152           55          255         1856         5736
              POINT SOURCES                  62            5            7            3           76
TRANSPORTATION (AREA)
********************
```

```
*** I07 ***                                                                            *** I07 **
                POINT SOURCES              86       1032        188          1         21
INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                         713       5497          0          0      38135
    SECONDARY METALS                        3          1         11          0        337
    MINERAL PRODUCTS                     1101       1239       1428          2          8
    OTHER/NOT CLASSIFIED                    0         25          0          0          0
    TOTAL (INDUSTRIAL)                   1817       6762       1439          2      38480
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       OTHER INCINERATION                   4          0          4          0          0
       TOTAL (GOVERNMENT)                   4          0          4          0          0

   RESIDENTIAL (AREA)

       OPEN BURNING                       115          4         29        155        492
       TOTAL (RESIDENTIAL)                115          4         29        155        492

   COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
               AREA SOURCES                 1          0          0          2          4
       TOTAL (COMM-INST)
               AREA SOURCES                 1          0          0          2          4

   INDUSTRIAL

       OPEN BURNING
               AREA SOURCES                 2          0          1          3         10
       TOTAL (INDUSTRIAL)
               AREA SOURCES                 2          0          1          3         10

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES               118          4         30        160        506
               POINT SOURCES                4          0          4          0          0
TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             1875        111       2323       2259      20534
         LIGHT DUTY TRUCKS                568         45        892        833       6701
         HEAVY DUTY VEHICLES               80          9        310        274       4412
         OFF HIGHWAY                        5          2         51        135       1703
         TOTAL (GASOLINE)                2528        167       3576       3501      33350

      DIESEL

         HEAVY DUTY VEHICLES              210        112       1004        111        333
         OFF HIGHWAY                       53         41        496         76        150
         RAIL                               9         20        131         32         46
         TOTAL (DIESEL)                   272        173       1631        219        529

   AIRCRAFT

      CIVIL                                 1          0          3          9        184
      TOTAL (AIRCRAFT)                      1          0          3          9        184
```

```
*** 108 ***
SELECT CARD = <21    116                                        45>                    *** 108 ***
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:22 MASSACHUSETTS AQCR:117 BERKSHIRE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	1	2	0	1	8
DISTILLATE OIL	33	379	237	9	66
NATURAL GAS	4	1	125	7	25
WOOD	1150	12	91	2387	7094
TOTAL (RESIDENTIAL)	1188	394	453	2404	7193
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	2	17	4	0	1
RESIDUAL OIL					
POINT SOURCES	338	4590	780	694	65
DISTILLATE OIL					
AREA SOURCES	1	9	10	0	2
POINT SOURCES	1	38	13	0	2
NATURAL GAS					
AREA SOURCES	0	0	5	1	1
POINT SOURCES	1	0	125	196	12
WOOD					
POINT SOURCES	25	5	31	6	6
OTHER					
POINT SOURCES	0	0	1	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	3	26	19	1	4
POINT SOURCES	365	4633	950	896	85
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	7	24	8	0	1
RESIDUAL OIL					
AREA SOURCES	15	111	43	1	4
POINT SOURCES	14	179	29	1	3
DISTILLATE OIL					
AREA SOURCES	4	62	43	1	11
POINT SOURCES	3	89	32	0	3
NATURAL GAS					
AREA SOURCES	2	0	56	3	11
POINT SOURCES	1	0	26	1	3
TOTAL (COMM-INST)					
AREA SOURCES	28	197	150	5	27
POINT SOURCES	18	268	87	2	[illegible]

```
SELECT CARD = <22    121                                                      45>
```

```
*** I11 ***                                                                                  *** I11 ***
                  AREA SOURCES              57          10        1970        102        393
                 POINT SOURCES               8           0         106          7         15
           TOTAL (COMM-INST)
                  AREA SOURCES             208         958        2463        108        541
                 POINT SOURCES             105         261         218         17         27

      TOTAL (EXTERNAL COMB)
                  AREA SOURCES           16736        2862       16505      36595     102808
                 POINT SOURCES           51978      233560       96560       1122       3383

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    40         132         450          7         23
          NATURAL GAS                       50         177        2189         43        279
          TOTAL (ELEC GEN)                  90         309        2639         50        302

      TOTAL (INTERNAL COMB)                 90         309        2639         50        302

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            16736        2862       16505      36595     102808
                POINT SOURCES            52068      233869       99199       1172       3685
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  96        1205           0        455          0
    FOOD/AGRICULTURAL                      721         150           0         36          0
    PRIMARY METAL                           40           0           0        153         63
    SECONDARY METALS                      1624        1115         118          0     104037
    MINERAL PRODUCTS                      1818         116          36         79         37
    PETROLEUM INDUSTRY                     879        3320         359       3529      49757
    WOOD PRODUCTS                          260         444          43        113       3906
    ORGANIC SOLVENT EVAPORATION             53           0           0      40382          0
    PETROLEUM STORAGE/TRANSPORT              0           0           0      11892          0
    METAL FABRICATION                        0           0           0         46          0
    OTHER/NOT CLASSIFIED                   246        1183         297       2708      28280
    TOTAL (INDUSTRIAL)                    5737        7531         853      59393     186078
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION               48          10           8         58         77
       OTHER INCINERATION                   68          20         108         22          0
       TOTAL (GOVERNMENT)                  116          30         116         80         77

   RESIDENTIAL (AREA)

       ON SITE INCINERATION               1557          20          47       4382      13143
       OPEN BURNING                       2365          90         610       3191      10128
       TOTAL (RESIDENTIAL)                3922         110         657       7573      23271

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                314          94         151        183        434
              POINT SOURCES                 68        1340        6642       2005       2009
       OPEN BURNING
               AREA SOURCES                  7           0           2         12         30
       TOTAL (COMM-INST)
               AREA SOURCES                321          94         153        195        464
              POINT SOURCES                 68        1340        6642       2005       2009
```

POINT SOURCES	7	6	5	35	47
OPEN BURNING					
AREA SOURCES	14	0	7	23	80
POINT SOURCES	30	1	10	48	170
TOTAL (INDUSTRIAL)					
AREA SOURCES	36	3	10	44	115
POINT SOURCES	37	7	15	83	217
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2670	131	508	4852	14798
POINT SOURCES	51	11	34	216	607
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	24312	1047	22559	25553	261377
LIGHT DUTY TRUCKS	6624	410	8649	9508	83382
HEAVY DUTY VEHICLES	1185	108	3526	3947	62385
OFF HIGHWAY	107	57	1170	3113	39354
TOTAL (GASOLINE)	32228	1622	35904	42121	446498
DIESEL					
HEAVY DUTY VEHICLES	1816	823	7476	977	2990
OFF HIGHWAY	587	462	5551	868	1679
RAIL	163	370	2403	583	846
TOTAL (DIESEL)	2566	1655	15430	2408	5515
AIRCRAFT					
MILITARY	85	5	43	99	204
CIVIL	13	7	59	182	3649
COMMERCIAL	10	21	215	190	592
TOTAL (AIRCRAFT)	108	33	317	471	4445
VESSELS					
GASOLINE	0	17	95	2099	7476
TOTAL (VESSELS)	0	17	95	2099	7476
TOTAL (TRANSPORTATION)	34902	3327	51746	47099	463934
MISCELLANEOUS (AREA)					
*******************					
FOREST WILDFIRES	25	0	7	29	212
STRUCTURAL FIRES	81	0	7	60	327
GASOLINE STA EVAP LOSS	0	0	0	6059	0
SOLVENT EVAPORATION LOSS	0	0	0	29008	0
UNPAVED ROADS	107375	0	0	0	0
TOTAL (MISCELLANEOUS)	107481	0	14	35156	539
GRAND TOTAL					
***********					
AREA SOURCES	150319	5486	62928	99259	511371
POINT SOURCES	6789	33519	27103	38836	9200
TOTAL	157108	39005	90031	138095	520571

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*** I13 ***
                                                                                                    *** I13 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:24 MINNESOTA      AQCR:128 SOUTHEAST MINNESOTA-LA CROSSE    AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL              35             407             256               9              69
         NATURAL GAS                 29               1             925              49             187
         WOOD                      5025              53             399           10432           31002
         TOTAL (RESIDENTIAL)       5089             461            1578           10490           31258
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            736           13416            3806              16             307
         LIGNITE                    281             167              43               0              11
         RESIDUAL OIL                14             249              57               1               4
         DISTILLATE OIL               0               1               0               0               0
         NATURAL GAS                  4               0            1149               3              84
         OTHER                        1               0               5               3               8
         TOTAL (ELEC GEN)          1036           13833            5060              21             414
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              9              86              17               0               0
            POINT SOURCES            15               5               3               0               1
         RESIDUAL OIL
            POINT SOURCES            88            1204             219               1              20
         DISTILLATE OIL
            AREA SOURCES              6              91             102               1              25
            POINT SOURCES             0               1               1               0               0
         NATURAL GAS
            AREA SOURCES             14               0            3006             943             380
            POINT SOURCES             4               0             271               5              50
         WOOD
            POINT SOURCES             3               0               0               1               1
         LIQUID PETROL GAS
            POINT SOURCES             0               1               6               0               1
         OTHER
            POINT SOURCES             0               0              22               1               4
         TOTAL (INDUSTPIAL)
            AREA SOURCES             29             177            3125             944             405
            POINT SOURCES           110            1211             522               8              77
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES            33            2005             346               7              33
         DISTILLATE OIL
```

```
*** I14 ***
GRAND TOTAL
***********                                                                                        *** I14 ***

   AREA SOURCES                  241915         7890        98550        137912        870632

   POINT SOURCES                  19519        82020        40084         40327          6663

   TOTAL                         261434        89910       138634        178239        877295
```

```
                 AREA SOURCES           5932        14568        41064        23742        35284
                 POINT SOURCES         13271       134222        65594        12800        16969
     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           5932        14568        41064        23742        35284
                 POINT SOURCES         13271       134222        65594        12800        16969
  INDUSTRIAL PROCESS (POINT)
  **************************

      CHEMICAL MANUFACTURING            1015        35274         2161          939          100
      FOOD/AGRICULTURAL                  229            0            0          213            0
      PRIMARY METAL                       80          777            0            0            0
      SECONDARY METALS                   118          471            0          158            0
      MINERAL PRODUCTS                  1387         1912         1039           25          317
      PETROLEUM INDUSTRY                2100        26571         7387        14487        24643
      WOOD PRODUCTS                     6114        10239         4897          932        18200
      ORGANIC SOLVENT EVAPORATION         63            2           16         4186         2048
      PETROLEUM STORAGE/TRANSPORT        156            0            0         6665            0
      TOTAL (INDUSTRIAL)               11262        75246        15500        27605        45308
  SOLID WASTE DISPOSAL
  ********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION           774            7           20         2180         6537
          OPEN BURNING                  2956          108          756         3989        12647
          TOTAL (RESIDENTIAL)           3730          115          776         6169        19184
      COMMERCIAL-INSTITUTIONAL

          OPEN BURNING
                 AREA SOURCES              5            0            1            9           21
          TOTAL (COMM-INST)
                 AREA SOURCES              5            0            1            9           21
      INDUSTRIAL

          OPEN BURNING
                 AREA SOURCES             43            0           20           71          245
          TOTAL (INDUSTRIAL)
                 AREA SOURCES             43            0           20           71          245
     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           3778          115          797         6249        19450
  TRANSPORTATION (AREA)
  *********************

     LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        24846          986        20962        25645       253614
            LIGHT DUTY TRUCKS           6368          383         7383         8228        69602
            HEAVY DUTY VEHICLES         1693          150         4630         5272        83706
            OFF HIGHWAY                   75           38          807         2145        27166
            TOTAL (GASOLINE)           32982         1557        33762        41290       434088
        DIESEL

            HEAVY DUTY VEHICLES         5622         2664        22280         3038         9361
            OFF HIGHWAY                 1126          881        10591         1611         3200
            RAIL                         308          701         4542         1103         1597
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*** I16 ***
                                                                                              *** I16 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE EMISSIONS REPORT
**************************                                             RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 26:MISSOURI                                         AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                          PARTICULATES         SOX            NOX            VOC            CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              6            34              0             72             36
         DISTILLATE OIL              72           893            569             96            146
         NATURAL GAS                213            30           7516            595           1502
         WOOD                     33778           349           2676          68082         208419
         TOTAL (RESIDENTIAL)      34069          1306          10761          68845         210103
      ELEC GENERATION (POINT)

         BITUMINOUS COAL          94313       1117968         296735           1632          10519
         RESIDUAL OIL                19           885            360              5             13
         DISTILLATE OIL               0           181             93              1             22
         NATURAL GAS                 82           749           2730             27            188
         TOTAL (ELEC GEN)         94414       1119783         299918           1665          10742
      INDUSTRIAL FUEL

         ANTHRACITE COAL
             POINT SOURCES           74          1088            525              9             29
         BITUMINOUS COAL
             AREA SOURCES          3873         32748           6035            140            774
             POINT SOURCES         3832          7211           1430             23            310
         RESIDUAL OIL
             AREA SOURCES             0             0              0             30              0
             POINT SOURCES         1020          4968           1835             66            193
         DISTILLATE OIL
             AREA SOURCES            65           579            659             18            164
             POINT SOURCES            8            39             39              3              6
         NATURAL GAS
             POINT SOURCES          129            28           8225            155            885
         PROCESS GAS
             POINT SOURCES           15          1840            265              5             65
         LIQUID PETROL GAS
             POINT SOURCES            2             0             13              0              3
         OTHER
             POINT SOURCES          316           830           6581            453           1302
         TOTAL (INDUSTRIAL)
             AREA SOURCES          3938         33327           6694            188            938
             POINT SOURCES         5396         16004          18913            714           2793
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
```

AREA SOURCES	494	11	128	658	2078
POINT SOURCES	2104	537	236	228	1394
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	9178	503	11139	11600	107033
LIGHT DUTY TRUCKS	4144	326	6694	6596	52700
HEAVY DUTY VEHICLES	826	91	3169	2816	45382
OFF HIGHWAY	29	11	373	991	12532
TOTAL (GASOLINE)	14177	931	21375	22001	217647
DIESEL					
HEAVY DUTY VEHICLES	1985	1006	9059	1053	3188
OFF HIGHWAY	964	758	9101	1384	2748
RAIL	106	239	1549	374	549
TOTAL (DIESEL)	3055	2003	19709	2811	6485
AIRCRAFT					
MILITARY	11	1	6	13	28
CIVIL	2	0	38	111	2257
COMMERCIAL	1	3	34	30	94
TOTAL (AIRCRAFT)	14	4	78	154	2379
VESSELS					
DIESEL FUEL	88	112	854	215	301
GASOLINE	0	20	131	2832	10103
TOTAL (VESSELS)	88	132	985	3047	10404
TOTAL (TRANSPORTATION)	17334	2070	42147	28013	236915
MISCELLANEOUS (AREA) ******************					
FOREST WILDFIRES	1656	6	390	1872	13643
STRUCTURAL FIRES	194	0	11	149	811
GASOLINE STA EVAP LOSS	0	0	0	3431	0
SOLVENT EVAPORATION LOSS	0	0	0	7907	0
UNPAVED ROADS	335123	0	0	0	0
UNPAVED AIRSTRIPS	64	0	0	0	0
TOTAL (MISCELLANEOUS)	337037	6	401	13359	14454
GRAND TOTAL ***********					
AREA SOURCES	359888	6358	45135	51701	282407
POINT SOURCES	86540	120564	33807	10837	15222
TOTAL	446428	126922	78942	62538	297629

```
*** I18 ***                                                                                              *** I18 ***
        TOTAL (EXTERNAL COMB)
                  AREA SOURCES            777           3281           1323            624           2167
                 POINT SOURCES           2094          18374           7356            106            417
    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                     1              0            433             11             55
            TOTAL (INDUSTRIAL)              1              0            433             11             55

        TOTAL (INTERNAL COMB)               1              0            433             11             55

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES            777           3281           1323            624           2167
                 POINT SOURCES           2095          18374           7789            117            472
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  0           2131              0              0              0
    FOOD/AGRICULTURAL                     122              0              0              0              0
    MINERAL PRODUCTS                      337              8             56              9             39
    PETROLEUM INDUSTRY                   1352          18769           2070           5817          59041
    WOOD PRODUCTS                           6              0              0              0              0
    PETROLEUM STORAGE/TRANSPORT             0              0              0           1348              0
    TOTAL (INDUSTRIAL)                   1817          20908           2126           7174          59080
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              146              1              3            408           1226
        OPEN BURNING                      234              8             60            314            993
        TOTAL (RESIDENTIAL)               380              9             63            722           2219
    INDUSTRIAL

        ON SITE INCINERATION
                 POINT SOURCES             42              0              6             66            780
        OPEN BURNING
                 AREA SOURCES               4              0              2              6             20
        TOTAL (INDUSTRIAL)
                 AREA SOURCES               4              0              2              6             20
                 POINT SOURCES             42              0              6             66            780
    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             384              9             65            728           2239
                 POINT SOURCES             42              0              6             66            780
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          2396             96           2068           3033          32547
            LIGHT DUTY TRUCKS            1330             81           1539           2100          21345
            HEAVY DUTY VEHICLES           139             14            423            464           7369
            OFF HIGHWAY                    10              4            119            319           4031
            TOTAL (GASOLINE)             3875            195           4149           5916          65292
        DIESEL
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*** J01 ***
SELECT CARD = <18    072                                                          45>                    *** J01 ***
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*** J02 ***                                                                                  *** J02 ***
          DISTILLATE OIL
               AREA SOURCES                       3          46          33           0           7
               POINT SOURCES                      0           7           3           0           1
          NATURAL GAS
               POINT SOURCES                      0           0          10           1           2
          TOTAL (COMM-INST)
               AREA SOURCES                      91         554         137           3          48
               POINT SOURCES                     20          20          18           1           5

     TOTAL (EXTERNAL COMB)
               AREA SOURCES                    1121        3357        1508        1412        4395
               POINT SOURCES                    391      125566       25226         106        1137
  TOTAL (FUEL COMBUSTION)

               AREA SOURCES                    1121        3357        1508        1412        4395
               POINT SOURCES                    391      125566       25226         106        1137
INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                          0           0           0           1           0
  FOOD/AGRICULTURAL                               1           0           0           7           0
  PRIMARY METAL                                   0           0           0           0           2
  MINERAL PRODUCTS                              234           0         756           0         504
  ORGANIC SOLVENT EVAPORATION                     0           0           0          20           0
  PETROLEUM STORAGE/TRANSPORT                     0           0           0         260           0
  TOTAL (INDUSTRIAL)                            235           0         756         288         506
SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

       ON SITE INCINERATION                      14           0           0          42         130
       OPEN BURNING                             624          24         160         841        2668
       TOTAL (RESIDENTIAL)                      638          24         160         883        2798
  COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                      12           3           6           7          16
               POINT SOURCES                      1           1           1           0           3
       OPEN BURNING
               AREA SOURCES                       1           0           0           2           4
       TOTAL (COMM-INST)
               AREA SOURCES                      13           3           6           9          20
               POINT SOURCES                      1           1           1           0           3
  INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES                      18           3           3          17          26
       OPEN BURNING
               AREA SOURCES                      10           0           3          17          60
       TOTAL (INDUSTRIAL)
               AREA SOURCES                      28           3           6          34          86
  TOTAL (SOLID WASTE DISP)
               AREA SOURCES                     679          30         172         926        2904
               POINT SOURCES                      1           1           1           0           3
TRANSPORTATION (AREA)
********************

  LAND VEHICLES
```

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*** J03 ***                                                                                                    *** J03 ***
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:104 NORTH CENTRAL KENTUCKY           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                 PARTICULATES          SOX               NOX               VOC               CO
                                 ************     ************      ************      ************      ************
                                  TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              0                1                 0                 0                10
            BITUMINOUS COAL             39              137                 8                26               223
            DISTILLATE OIL               8               96                63                 0                16
            NATURAL GAS                  5                0               274                15                55
            WOOD                      4841               51               382             10051             29876
            TOTAL (RESIDENTIAL)       4893              285               727             10092             30180
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           261             1967               544                 1                70
                POINT SOURCES           78              570              2015                 7               119
            RESIDUAL OIL
                AREA SOURCES             0                5                 1                 0                 0
                POINT SOURCES            3               42                21                 0                 2
            DISTILLATE OIL
                AREA SOURCES             7               92               106                 2                26
                POINT SOURCES            0                8                 4                 0                 0
            NATURAL GAS
                AREA SOURCES             0                0                33                12                 6
                POINT SOURCES            0                0               300                 1                30
            PROCESS GAS
                POINT SOURCES            0                0                37                 1                 9
            WOOD
                POINT SOURCES           11                0                11                12                30
            TOTAL (INDUSTRIAL)
                AREA SOURCES           268             2064               684                15               102
                POINT SOURCES           92              620              2388                21               190
        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             4               24                 7                 0                 0
            BITUMINOUS COAL
                AREA SOURCES            48              232                43                 1                26
            RESIDUAL OIL
                AREA SOURCES             5               84                20                 0                 1
            DISTILLATE OIL
                AREA SOURCES             1               31                22                 0                 3
            WOOD
                POINT SOURCES            9                0                 1                 2                 5
            TOTAL (COMM-INST)
```

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*** J04 ***
      GASOLINE                                                                                                   *** J04 ***

         LIGHT DUTY VEHICLES          4934          232          4748          5088          48054
         LIGHT DUTY TRUCKS            2134          147          2715          2669          21729
         HEAVY DUTY VEHICLES           462           44          1427          1465          23426
         OFF HIGHWAY                    22           11           231           613           7731
         TOTAL (GASOLINE)             7552          434          9121          9835         100940
      DIESEL

         HEAVY DUTY VEHICLES          1056          500          4522           567           1725
         OFF HIGHWAY                   656          514          6173           939           1862
         RAIL                          140          319          2065           502            726
         TOTAL (DIESEL)               1852         1333         12760          2008           4313
   AIRCRAFT

        MILITARY                        14            1             7            16             34
        CIVIL                            7            1            26            83           1690
        COMMERCIAL                       3            6            63            56            173
        TOTAL (AIRCRAFT)                24            8            96           155           1897
   VESSELS

        DIESEL FUEL                     84          104           772           192            268
        GASOLINE                         0            5            26           564           2006
        TOTAL (VESSELS)                 84          109           798           756           2274

   TOTAL (TRANSPORTATION)             9512         1884         22775         12754         109424

MISCELLANEOUS (AREA)
********************

    FOREST MANAGED BURNING            1175            9           236           840           6580
    STRUCTURAL FIRES                    91            0             7            70            371
    GASOLINE STA EVAP LOSS               0            0             0          1518              0
    SOLVENT EVAPORATION LOSS             0            0             0          4232              0
    UNPAVED ROADS                    41024            0             0             0              0
    UNPAVED AIRSTRIPS                    6            0             0             0              0
                                                      0             0             0              0
    TOTAL (MISCELLANEOUS)            42296            9           243          6660           6951
GRAND TOTAL
***********

    AREA SOURCES                     54543        10105         26269         23809         128885

    POINT SOURCES                     5068        14107         35685          3208          29112

    TOTAL                            59611        24212         61954         27017         157997
```

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*** J05 ***
SELECT CARD = <20    107                                                    45>                    *** J05 ***
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	6242	259	5659	6655	68651
LIGHT DUTY TRUCKS	1582	89	1903	2256	20356
HEAVY DUTY VEHICLES	277	25	798	917	14459
OFF HIGHWAY	24	13	272	724	9140
TOTAL (GASOLINE)	8125	386	8632	10552	112606
DIESEL					
HEAVY DUTY VEHICLES	705	316	2871	379	1164
OFF HIGHWAY	57	46	545	82	164
RAIL	23	52	341	82	120
TOTAL (DIESEL)	785	414	3757	543	1448
AIRCRAFT					
MILITARY	153	10	79	180	371
CIVIL	3	1	11	34	676
COMMERCIAL	4	10	105	93	290
TOTAL (AIRCRAFT)	160	21	195	307	1337
VESSELS					
DIESEL FUEL	32	40	298	74	104
RESIDUAL OIL	58	766	126	8	4
GASOLINE	0	3	19	418	1491
TOTAL (VESSELS)	90	809	443	500	1599
TOTAL (TRANSPORTATION)	9160	1630	13027	11902	116990
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	11	0	3	13	93
AGRICULTURAL BURNING	1	0	0	1	8
STRUCTURAL FIRES	94	0	9	70	381
GASOLINE STA EVAP LOSS	0	0	0	1631	0
SOLVENT EVAPORATION LOSS	0	0	0	6356	0
UNPAVED ROADS	10548	0	0	0	0
TOTAL (MISCELLANEOUS)	10654	0	12	8071	482
GRAND TOTAL ***********					
AREA SOURCES	23320	4674	14929	26136	136250
POINT SOURCES	2322	24732	6795	8420	2835
TOTAL	25642	29406	21724	34556	139085

*** J07 ***

VESSELS					
GASOLINE	0	0	2	46	165
TOTAL (VESSELS)	0	0	2	46	165
TOTAL (TRANSPORTATION)	2801	340	5212	3775	34228
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	46	0	11	52	379
STRUCTURAL FIRES	6	0	1	5	25
GASOLINE STA EVAP LOSS	0	0	0	610	0
SOLVENT EVAPORATION LOSS	0	0	0	1198	0
UNPAVED ROADS	6055	0	0	0	0
TOTAL (MISCELLANEOUS)	6107	0	12	1865	404
GRAND TOTAL ***********					
AREA SOURCES	10018	574	5688	7864	41197
POINT SOURCES	1907	7794	1631	3	38501
TOTAL	11925	8368	7319	7867	79698

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*** JOB ***
                                                                                                        *** JOB ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:21 MARYLAND      AQCR:116 SOUTHERN MARYLAND               AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               1               5              0              1              6
         DISTILLATE OIL               22             248            154              5             43
         NATURAL GAS                   0               0             26              1              5
         WOOD                       4598              48            364           9547          28374
         TOTAL (RESIDENTIAL)        4621             301            544           9554          28428
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            2763           84542          37833            371           1250
         RESIDUAL OIL                  1             704            241             13             34
         DISTILLATE OIL                4             146            116              0              4
         TOTAL (ELEC GEN)           2768           85392          38190            384           1288
      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES              0               5              1              0              0
         DISTILLATE OIL
            AREA SOURCES               0               5              6              0              1
         NATURAL GAS
            AREA SOURCES               0               0             41             11              5
            POINT SOURCES              0               0              5              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               0               5             47             11              6
            POINT SOURCES              0               5              6              0              1
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               0               2              0              0              0
         BITUMINOUS COAL
            POINT SOURCES              1               0              0              0              1
         RESIDUAL OIL
            POINT SOURCES             97             662            328             10             35
         DISTILLATE OIL
            AREA SOURCES               2              28             20              0              5
            POINT SOURCES              2              17             12              0              1
         NATURAL GAS
            AREA SOURCES               0               0             18              0              4
         TOTAL (COMM-INST)
            AREA SOURCES               2              30             38              0              9
            POINT SOURCES            100             679            340             10             37
```

```
*** J09 ***                                                                                                  *** J09 ***
         TOTAL (EXTERNAL COMB)
                  AREA SOURCES                1219            617            622           2410           7224
                  POINT SOURCES                383           4901           1037            898             94
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                        1              3              8              1              2
           OTHER                                 1              1              8              1              2
           TOTAL (ELEC GEN)                      2              4             16              2              4

        TOTAL (INTERNAL COMB)                    2              4             16              2              4

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                1219            617            622           2410           7224
                  POINT SOURCES                385           4905           1053            900             98
INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                          220            214            229              3             20
     ORGANIC SOLVENT EVAPORATION                 0              0              0           1247              0
     TEXTILE MANUFACTURING                       0              0              0             92              0
     OTHER/NOT CLASSIFIED                       19              0              7             47              0
     TOTAL (INDUSTRIAL)                        239            214            236           1389             20
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                   188              3              6            530           1590
        OPEN BURNING                            96              4             24            129            409
        TOTAL (RESIDENTIAL)                    284              7             30            659           1999
     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES                  25              8             12             15             35
        TOTAL (COMM-INST)
                  AREA SOURCES                  25              8             12             15             35
     INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES                   3              1              1              3              4
                  POINT SOURCES                  0              0              0              0              1
        OPEN BURNING
                  AREA SOURCES                   2              0              1              3             10
        TOTAL (INDUSTRIAL)
                  AREA SOURCES                   5              1              2              6             14
                  POINT SOURCES                  0              0              0              0              1
     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES                 314             16             44            680           2048
                  POINT SOURCES                  0              0              0              0              1
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE
```

```
*** J10 ***
                                                                                                   *** J10 **
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:22 MASSACHUSETTS    AQCR:121 MERRIMACK VALLEY-SOUTHERN NEW  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               3              7              1              3             23
         DISTILLATE OIL              115           1319            825             32            229
         NATURAL GAS                  17              3            559             30            112
         WOOD                       2050             22            162           4257          12651
         TOTAL (RESIDENTIAL)        2185           1351           1547           4322          13015
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              20            196             49              0              6
         RESIDUAL OIL
            POINT SOURCES            174           2303            728            741             66
         DISTILLATE OIL
            AREA SOURCES               9             87             98              3             23
            POINT SOURCES              1             35             10              0              3
         NATURAL GAS
            AREA SOURCES               1              0             86             13              9
            POINT SOURCES             17              3           1951            213            176
         WOOD
            POINT SOURCES              0              0              0             18              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              30            283            233             16             38
            POINT SOURCES            192           2341           2689            972            245
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              32            107             38              0              2
         RESIDUAL OIL
            AREA SOURCES              69            527            203              4             18
            POINT SOURCES             41            550            140              3             13
         DISTILLATE OIL
            AREA SOURCES              20            294            204              3             51
            POINT SOURCES              1             23              3              0              1
         NATURAL GAS
            AREA SOURCES               6              1            200             11             40
            POINT SOURCES              1              0             45              1              9
         TOTAL (COMM-INST)
            AREA SOURCES             127            929            645             18            111
            POINT SOURCES             43            573            188              4             23
   TOTAL (EXTERNAL COMB)
```

```
*** J11 ***
    INDUSTRIAL                                                                                          *** J11 ***

        ON SITE INCINERATION
                AREA SOURCES                 41          4          4          41          69
        OPEN BURNING
                AREA SOURCES                 20          0          8          32         110
                POINT SOURCES                35          2         14          65         184
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 61          4         12          73         179
                POINT SOURCES                35          2         14          65         184
     TOTAL (SOLID WASTE DISP)
                AREA SOURCES               4304        208        822        7841       23916
                POINT SOURCES               219       1372       6772        2150        2270
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES          34516       1672      36144       38237      378382
             LIGHT DUTY TRUCKS            10147        715      15129       15399      129930
             HEAVY DUTY VEHICLES           2077        204       6735        7014      111453
             OFF HIGHWAY                    176         95       1950        5185       65532
             TOTAL (GASOLINE)             46914       2686      59958       65835      685297
         DIESEL

             HEAVY DUTY VEHICLES           4462       2054      18610        2397        7334
             OFF HIGHWAY                    949        744       8944        1363        2702
             RAIL                           228        512       3338         813        1173
             TOTAL (DIESEL)                5639       3310      30892        4573       11209
     AIRCRAFT

         MILITARY                            17          1          9          21          42
         CIVIL                               19          6         81         251        5078
         COMMERCIAL                          13         31        320         283         880
         TOTAL (AIRCRAFT)                    49         38        410         555        6000
     VESSELS

         DIESEL FUEL                          6          8         59          14          21
         RESIDUAL OIL                         1         21          4           0           0
         GASOLINE                             0         31        179        3916       13955
         TOTAL (VESSELS)                      7         60        242        3930       13976
     TOTAL (TRANSPORTATION)               52609       6094      91502       74893      716482
MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       414          0         97         469        3616
     FOREST MANAGED BURNING                  54          0         11          39         312
     STRUCTURAL FIRES                       253          0         23         190        1034
     GASOLINE STA EVAP LOSS                   0          0          0        9138           0
     SOLVENT EVAPORATION LOSS                 0          0          0       44271           0
     UNPAVED ROADS                       161307          0          0           0           0
     UNPAVED AIRSTRIPS                       32          0          0           0           0
     TOTAL (MISCELLANEOUS)               162060          0        131       54107        4962
GRAND TOTAL
***********
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*** J12 ***                                                                                                            *** J12 ***

SELECT CARD = <23    126                                                                         45>
STATE 23 COUNTY 0500 NOT FOUND IN POINT FILE
STATE 23 COUNTY 2740 NOT FOUND IN POINT FILE
STATE 23 COUNTY 3640 NOT FOUND IN POINT FILE
STATE 23 COUNTY 4100 NOT FOUND IN POINT FILE
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*** J13 ***                                                                                  *** J13 ***
                AREA SOURCES                 5          111          79          0          16
          NATURAL GAS
                AREA SOURCES                12            1         392         18          79
                POINT SOURCES                3            1         866          5          86
          TOTAL (COMM-INST)
                AREA SOURCES                17          112         471         18          95
                POINT SOURCES               36         2006        1212         12         119
      TOTAL (EXTERNAL COMB)
                AREA SOURCES              5135          750        5174      11452       31758
                POINT SOURCES             1182        17050        6794         41         610
    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                     1            6          20          1           4
          NATURAL GAS                        1            0         495         12          64
          TOTAL (ELEC GEN)                   2            6         515         13          68
      INDUSTRIAL FUEL

          DISTILLATE OIL                     4            2          44          3          10
          NATURAL GAS                        1            0         268          6          38
          TOTAL (INDUSTRIAL)                 5            2         312          9          48
      COMM-INSTITUTIONAL

          TOTAL (COMM-INST)                 11           10         149         10          32

      TOTAL (INTERNAL COMB)                 18           18         976         32         148
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              5135          750        5174      11452       31758
                POINT SOURCES             1200        17068        7770         73         758
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   0            0           0          6           0
    FOOD/AGRICULTURAL                    25440            0           0          1           6
    SECONDARY METALS                        51           12           2          0        2401
    MINERAL PRODUCTS                       842           10          11         11           7
    WOOD PRODUCTS                            7            0           0          0           0
    ORGANIC SOLVENT EVAPORATION              0            0           0      14813           0
    PETROLEUM STORAGE/TRANSPORT              0            0           0       1713           0
    OTHER/NOT CLASSIFIED                     0            0           0         36           0
    TOTAL (INDUSTRIAL)                   26340           22          13      16578        2414
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               455            4          14       1282        3838
        OPEN BURNING                      1268           47         323       1713        5435
        TOTAL (RESIDENTIAL)               1723           51         337       2995        9273
    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                 7            0           0         14          28
        TOTAL (COMM-INST)
                AREA SOURCES                 7            0           0         14          28
```

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*** J16 ***                                                                                                              *** J16 ***

SELECT CARD = <24    132
STATE 24 COUNTY 1580 NOT FOUND IN POINT FILE                                              45>
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TOTAL (DIESEL)	7056	4026	37413	5752	14138
AIRCRAFT					
MILITARY	1616	92	728	1665	3639
CIVIL	5	1	38	116	2310
COMMERCIAL	9	21	206	183	568
TOTAL (AIRCRAFT)	1430	114	972	1964	6317
VESSELS					
DIESEL FUEL	81	102	758	190	266
RESIDUAL OIL	765	10080	1657	99	55
GASOLINE	0	18	109	2377	8463
TOTAL (VESSELS)	846	10200	2524	2666	8784
TOTAL (TRANSPORTATION)	42316	15897	76671	51672	463307
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	791	2	186	890	6693
FOREST MANAGED BURNING	7657	56	1530	5476	42880
AGRICULTURAL BURNING	271	0	39	250	1795
STRUCTURAL FIRES	346	0	30	258	1198
GASOLINE STA EVAP LOSS	0	0	0	6435	0
SOLVENT EVAPORATION LOSS	0	0	0	18680	0
UNPAVED ROADS	196245	0	0	0	0
TOTAL (MISCELLANEOUS)	205310	58	1785	31989	52566
GRAND TOTAL ***********					
AREA SOURCES	257334	30638	118295	113652	570607
POINT SOURCES	24533	209468	81094	40405	62277
TOTAL	281867	240106	199389	154057	632884

AREA SOURCES	343	1919	226	12	133
POINT SOURCES	880	1279	211	8	56
RESIDUAL OIL					
AREA SOURCES	76	1095	253	28	18
POINT SOURCES	7	94	14	2	2
DISTILLATE OIL					
AREA SOURCES	56	965	676	86	158
POINT SOURCES	1	7	3	0	0
NATURAL GAS					
AREA SOURCES	74	13	2937	202	584
POINT SOURCES	58	4	1129	1266	96
TOTAL (COMM-INST)					
AREA SOURCES	547	3992	4090	328	893
POINT SOURCES	946	1384	1357	1276	154
TOTAL (EXTERNAL COMB)					
AREA SOURCES	38554	38625	21525	69361	211936
POINT SOURCES	100756	1137171	320188	3655	13689
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	16	85	212	17	76
NATURAL GAS	4	3	437	24	130
TOTAL (ELEC GEN)	20	88	649	41	204
INDUSTRIAL FUEL					
NATURAL GAS	4	1	191	2	38
DIESEL FUEL	1	3	20	1	1
TOTAL (INDUSTRIAL)	5	4	211	3	39
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	1	1	15	1	3
TOTAL (INTERNAL COMB)	26	93	875	45	246
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	38554	38625	21525	69361	211936
POINT SOURCES	100782	1137264	321063	3700	13935
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	66682	3876	15693	50599	68040
FOOD/AGRICULTURAL	6327	1	5	1	1
PRIMARY METAL	5668	30795	0	0	0
SECONDARY METALS	96	35	12	9	1215
MINERAL PRODUCTS	116136	24073	12215	273	3168
PETROLEUM INDUSTRY	789	18247	3543	1726	103
WOOD PRODUCTS	9	0	0	376	0
ORGANIC SOLVENT EVAPORATION	230	0	1	111756	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	9125	0
METAL FABRICATION	2362	0	0	3675	0
OTHER/NOT CLASSIFIED	237	5754	16	6	7
TOTAL (INDUSTRIAL)	198536	82781	31285	177566	52534
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	749	560	453	336	7825

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*** J17 ***                                                                                                                       *** J17 **

SELECT CARD = <26     138                                                                         45>
STATE 26 COUNTY 4040 NOT FOUND IN POINT FILE
STATE 26 COUNTY 4960 NOT FOUND IN POINT FILE
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           HEAVY DUTY VEHICLES           868          376          3427          470          1446
           OFF HIGHWAY                   174          136          1642          250           495
           RAIL                          157          355          2303          559           809
           TOTAL (DIESEL)               1199          867          7372         1279          2750
     AIRCRAFT

        MILITARY                           1            0             0            1             2
        CIVIL                              3            1            21           61          1219
        COMMERCIAL                         6           14           148          131           408
        TOTAL (AIRCRAFT)                  10           15           169          193          1629
     VESSELS

        GASOLINE                           0            0             3           89           312
        TOTAL (VESSELS)                    0            0             3           89           312

     TOTAL (TRANSPORTATION)             5084         1077         11693         7477         69983
MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                   3599           31           848         4068         29645
     STRUCTURAL FIRES                     39            0             2           30           158
     GASOLINE STA EVAP LOSS                0            0             0          841             0
     SOLVENT EVAPORATION LOSS              0            0             0         1471             0
     UNPAVED ROADS                    132516            0             0            0             0
     UNPAVED AIRSTRIPS                     2            0             0            0             0
     TOTAL (MISCELLANEOUS)            136156           31           850         6410         29803
GRAND TOTAL
***********

     AREA SOURCES                     142401         4398         13931        15239        104192

     POINT SOURCES                      3954        39282          9921         7357         60332

     TOTAL                            146355        43680         23852        22596        164524
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*** K01 ***                                                                                                   *** K01 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:072 PADUCAH-CAIRO                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                 PARTICULATES        SOX            NOX            VOC            CO
                                 ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                  3             11              0              3             33
         BITUMINOUS COAL                104            377             20             68            610
         DISTILLATE OIL                   0             16             11              0              0
         NATURAL GAS                     12              1            436             22             88
         WOOD                          2456             26            194           5101          15159
         TOTAL (RESIDENTIAL)           2575            431            661           5194          15890

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               5168         481227         125741            291           2494
         DISTILLATE OIL                   0            104             35              0              7
         TOTAL (ELEC GEN)              5168         481331         125776            291           2501

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                290           2194            607              0             76
            POINT SOURCES                35           9263           1301              7            347
         RESIDUAL OIL
            AREA SOURCES                  0              3              1              0              0
            POINT SOURCES                42            555             94              0              8
         DISTILLATE OIL
            AREA SOURCES                 14            148            166              5             41
            POINT SOURCES                17            264            150              2             35
         NATURAL GAS
            AREA SOURCES                  0              0             44             17              7
            POINT SOURCES                14              2           2435              6            192
         WOOD
            POINT SOURCES                 0              1              6              7             16
         LIQUID PETROL GAS
            POINT SOURCES                 0              0              3              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                304           2345            818             22            124
            POINT SOURCES               108          10085           3989             22            599

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 12             47             15              0              0
         BITUMINOUS COAL
            AREA SOURCES                100            485             91              3             55
            POINT SOURCES                 5             42              2              0              2
```

GASOLINE					
LIGHT DUTY VEHICLES	5474	207	4481	5713	58004
LIGHT DUTY TRUCKS	1236	72	1427	1606	14078
HEAVY DUTY VEHICLES	262	24	721	839	13281
OFF HIGHWAY	10	4	121	319	4031
TOTAL (GASOLINE)	6982	307	6750	8477	89394
DIESEL					
HEAVY DUTY VEHICLES	287	135	1220	155	472
OFF HIGHWAY	89	68	825	126	250
RAIL	144	330	2147	519	756
TOTAL (DIESEL)	520	533	4192	800	1478
AIRCRAFT					
MILITARY	1	0	0	1	2
CIVIL	1	0	5	17	347
COMMERCIAL	18	41	425	377	1170
TOTAL (AIRCRAFT)	20	41	430	395	1519
VESSELS					
DIESEL FUEL	75	96	703	176	247
GASOLINE	0	3	13	301	1070
TOTAL (VESSELS)	75	99	716	477	1317
TOTAL (TRANSPORTATION)	7597	980	12088	10149	93708
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	160	1	39	182	1314
STRUCTURAL FIRES	82	0	6	63	340
GASOLINE STA EVAP LOSS	0	0	0	1907	0
SOLVENT EVAPORATION LOSS	0	0	0	3928	0
UNPAVED ROADS	2360	0	0	0	0
TOTAL (MISCELLANEOUS)	2602	1	45	6080	1654
GRAND TOTAL ***********					
AREA SOURCES	11999	4368	13813	18567	102661
POINT SOURCES	627	125567	25983	394	1646
TOTAL	12626	129935	39796	18961	104307

AREA SOURCES	58	371	92	1	30
POINT SOURCES	9	0	1	2	5
TOTAL (EXTERNAL COMB)					
AREA SOURCES	5219	2720	1503	10108	30312
POINT SOURCES	101	620	2389	23	195
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	5219	2720	1503	10108	30312
POINT SOURCES	101	620	2389	23	195
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	0	0	0	90	0
FOOD/AGRICULTURAL	68	0	0	9638	0
MINERAL PRODUCTS	1724	5	7	6	3
ORGANIC SOLVENT EVAPORATION	0	0	0	66	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	105	0
OTHER/NOT CLASSIFIED	0	0	1	1	0
TOTAL (INDUSTRIAL)	1792	5	8	9906	3
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	15	0	0	40	128
OPEN BURNING	578	21	147	777	2467
TOTAL (RESIDENTIAL)	593	21	147	817	2595
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	5	1	3	3	15
POINT SOURCES	0	1	0	0	3
TOTAL (COMM-INST)					
AREA SOURCES	5	1	3	3	15
POINT SOURCES	0	1	0	0	3
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	12	1	1	11	21
POINT SOURCES	0	0	0	0	1
OPEN BURNING					
AREA SOURCES	2	0	1	4	15
TOTAL (INDUSTRIAL)					
AREA SOURCES	14	1	2	15	36
POINT SOURCES	0	0	0	0	1
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	612	23	152	835	2646
POINT SOURCES	0	1	0	0	4
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3751	224	5064	5167	46087
LIGHT DUTY TRUCKS	1405	117	2377	2241	17576
HEAVY DUTY VEHICLES	313	38	1258	1078	[illegible]

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*** K04 ***
SELECT CARD = <19    022                                                                  *** K04 ***
                                                       45>
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*** K05 ***
                                                                                                        *** K05 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:20 MAINE          AQCR:107 ANDROSCOGGIN VALLEY            AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             0               7                0                0               21
         DISTILLATE OIL            101            1161              726               28              202
         NATURAL GAS                 0               0               42                1                9
         WOOD                     5762              60              454            11960            35551
         TOTAL (RESIDENTIAL)      5863            1228             1222            11989            35783
      ELEC GENERATION (POINT)

         RESIDUAL OIL               24            1160              215                2               16
         DISTILLATE OIL              0               6                3                0                1
         TOTAL (ELEC GEN)           24            1166              218                2               17
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             0               7                3                0                0
         BITUMINOUS COAL
            AREA SOURCES           160            1751              436                2               56
         RESIDUAL OIL
            POINT SOURCES         2003           29262             4404               22              400
         DISTILLATE OIL
            AREA SOURCES             6              63               71                2               17
            POINT SOURCES            2              76               12                0                4
         NATURAL GAS
            AREA SOURCES             0               0               25                0                5
         COKE
            AREA SOURCES             1               4                1                0                0
         WOOD
            POINT SOURCES         1086              47              562              636             1497
         TOTAL (INDUSTRIAL)
            AREA SOURCES           167            1825              536                4               78
            POINT SOURCES         3091           29385             4978              658             1901
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            41             143               51                0                2
         RESIDUAL OIL
            POINT SOURCES          112            1570              242                5               22
         DISTILLATE OIL
            AREA SOURCES            21             323              223                2               57
```

```
*** K06 ***
SELECT CARD = <20    111                                                              *** K06 ***
                                                                        45>
```

```
*** K07 ***
SELECT CARD = <21    113                                                45>                                    *** K07
```

```
      TOTAL (EXTERNAL COMB)
            AREA SOURCES           4623         336         629        9565       28443
            POINT SOURCES          2868       86076       38536         394        1326
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL              30         112         344          30          84
         TOTAL (ELEC GEN)            30         112         344          30          84
      INDUSTRIAL FUEL

         NATURAL GAS                 14           1         303           7         121
         TOTAL (INDUSTRIAL)          14           1         303           7         121
      COMM-INSTITUTIONAL

         TOTAL (COMM-INST)            0           0           1           0           0

      TOTAL (INTERNAL COMB)          44         113         648          37         205

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES           4623         336         629        9565       28443
            POINT SOURCES          2912       86189       39184         431        1531
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING           20           0         420           0          40
    ORGANIC SOLVENT EVAPORATION       0           0           0          18           0
    PETROLEUM STORAGE/TRANSPORT       0           0           0         387           0
    TOTAL (INDUSTRIAL)               20           0         420         405          40
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION           2           0           0           6          18
       OPEN BURNING                 442          17         113         594        1886
       TOTAL (RESIDENTIAL)          444          17         113         600        1904
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES             0           0           0           0           1
       OPEN BURNING
             AREA SOURCES             4           0           1           7          17
       TOTAL (COMM-INST)
             AREA SOURCES             4           0           1           7          18

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES             1           0           0           1           2
       OPEN BURNING
             AREA SOURCES             4           0           2           6          20
       TOTAL (INDUSTRIAL)
             AREA SOURCES             5           0           2           7          22

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES           453          17         116         614        1944

TRANSPORTATION (AREA)
```

```
*** K09 ***                                                                                      *** K09 ***
            LIGHT DUTY VEHICLES          2232         98        2214        2593       25749
            LIGHT DUTY TRUCKS             432         26         545         636        5562
            HEAVY DUTY VEHICLES           104         10         311         337        5353
            OFF HIGHWAY                    11          6         118         314        3965
            TOTAL (GASOLINE)             2779        140        3188        3880       40629
        DIESEL

            HEAVY DUTY VEHICLES           158         74         668          84         258
            OFF HIGHWAY                    14         11         136          21          41
            RAIL                            2          5          30           7          10
            TOTAL (DIESEL)                176         90         834         112         309
    AIRCRAFT

        CIVIL                               1          1           4          12         247
        TOTAL (AIRCRAFT)                    1          1           4          12         247
    VESSELS

        GASOLINE                            0          1           8         186         663
        TOTAL (VESSELS)                     0          1           8         186         663

    TOTAL (TRANSPORTATION)               2954        232        4034        4190       41848
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       48          0          11          54         395
    STRUCTURAL FIRES                       43          0           4          32         173
    GASOLINE STA EVAP LOSS                  0          0           0         468           0
    SOLVENT EVAPORATION LOSS                0          0           0        2031           0
    UNPAVED ROADS                         182          0           0           0           0
    TOTAL (MISCELLANEOUS)                 273          0          15        2585         568
GRAND TOTAL
***********

    AREA SOURCES                         4760        865        4715        9865       51688

    POINT SOURCES                         624       5119        1289        2289         119

    TOTAL                                5384       5984        6004       12154       51807
```

```
*** K10 ***
                AREA SOURCES           2342          2563          2425          4356         13164   *** K10 ***
                POINT SOURCES           235          2914          2877           976           268
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                 1             4            12             1             3
           TOTAL (ELEC GEN)               1             4            12             1             3

        TOTAL (INTERNAL COMB)             1             4            12             1             3

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES           2342          2563          2425          4356         13164
                POINT SOURCES           236          2918          2889           977           271
  INDUSTRIAL PROCESS (POINT)
  **************************

     CHEMICAL MANUFACTURING             209             0             0          1156             0
     MINERAL PRODUCTS                    64             0             0             0             0
     ORGANIC SOLVENT EVAPORATION        582             0             0         12167             0
     TEXTILE MANUFACTURING               20             0             0             0             0
     TOTAL (INDUSTRIAL)                 875             0             0         13323             0
  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION            463             7            14          1303          3908
        OPEN BURNING                    101             4            26           136           432
        TOTAL (RESIDENTIAL)             564            11            40          1439          4340
     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             62            19            29            36            84
                POINT SOURCES             4             0             2             1             1
        TOTAL (COMM-INST)
                AREA SOURCES             62            19            29            36            84
                POINT SOURCES             4             0             2             1             1
     INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             10             2             2             9            13
        OPEN BURNING
                AREA SOURCES              2             0             1             3            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES             12             2             3            12            23

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES            638            32            72          1487          4447
                POINT SOURCES             4             0             2             1             1
  TRANSPORTATION (AREA)
  *********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES        16168           480         10467         15540        170429
           LIGHT DUTY TRUCKS           1882            76          1530          2209         21596
```

```
*** K11 ***
    AREA SOURCES              235709       9164     108960     173436     847966   *** K11 ***

    POINT SOURCES              58024     242772     106824      62715     192033

    TOTAL                     293733     251936     215784     236151    1039999
```

```
*** K12 ***                                                                                                    *** K12 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:23 MICHIGAN       AQCR:126 UPPER MICHIGAN                   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:  MONDAY        JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              26              56               6              18             170
         DISTILLATE OIL               73             852             529              18             146
         NATURAL GAS                  28               3            1139              64             227
         WOOD                      16522             177            1309           34299          101968
         TOTAL (RESIDENTIAL)       16649            1086            2981           34399          102491
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            3420           32118           21037             292             813
         RESIDUAL OIL                  0              57              23               1               2
         DISTILLATE OIL                0               1               1               0               0
         TOTAL (ELEC GEN)           3420           32176           21061             293             815
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           2802           11153            2698             119             335
         RESIDUAL OIL
            POINT SOURCES             22             216              60               6               4
         DISTILLATE OIL
            POINT SOURCES             41             168              78               5              11
         NATURAL GAS
            AREA SOURCES               0               0            1132             410             150
            POINT SOURCES             50               9            4054              19             115
         WOOD
            POINT SOURCES            302              75             587             281             226
         TOTAL (INDUSTRIAL)
            AREA SOURCES               0               0            1132             410             150
            POINT SOURCES           3217           11621            7677             428             691
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               0               8               1               0               0
         BITUMINOUS COAL
            AREA SOURCES              25              95              31               0              17
            POINT SOURCES              2              10               1               8              36
         RESIDUAL OIL
            AREA SOURCES               2              42              19               0               0
            POINT SOURCES             10             117              28               1               3
         DISTILLATE OIL
            AREA SOURCES              12             207             146               0              36
```

TOTAL (SOLID WASTE DISP) AREA SOURCES	1730	51	337	3009	9301
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	10469	436	9958	12391	126146
LIGHT DUTY TRUCKS	3656	211	4512	5662	49002
HEAVY DUTY VEHICLES	841	77	2549	2805	44423
OFF HIGHWAY	53	29	586	1556	19641
TOTAL (GASOLINE)	15019	753	17605	22212	239212
DIESEL					
HEAVY DUTY VEHICLES	1692	786	7089	909	2777
OFF HIGHWAY	604	475	5702	868	1723
RAIL	124	282	1822	444	640
TOTAL (DIESEL)	2420	1543	14613	2221	5140
AIRCRAFT					
MILITARY	38	2	19	44	91
CIVIL	8	1	39	117	2369
COMMERCIAL	3	6	67	60	185
TOTAL (AIRCRAFT)	49	9	125	221	2645
VESSELS					
GASOLINE	0	7	39	869	3092
TOTAL (VESSELS)	0	7	39	869	3092
TOTAL (TRANSPORTATION)	17488	2312	32382	25523	250089
MISCELLANEOUS (AREA)					
*******************					
STRUCTURAL FIRES	176	0	15	129	698
GASOLINE STA EVAP LOSS	0	0	0	2722	0
SOLVENT EVAPORATION LOSS	0	0	0	8271	0
UNPAVED ROADS	189989	0	0	0	0
TOTAL (MISCELLANEOUS)	190163	0	15	11122	698
GRAND TOTAL					
***********					
AREA SOURCES	214516	3113	37908	51106	291846
POINT SOURCES	27540	17090	7783	16651	3172
TOTAL	242056	20203	45691	67757	295018

```
*** K14 ***
                                                                                                              *** K14 ***
                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                           RUN DATE:     MONDAY   NOVEMBER 28, 1983
STATE:24 MINNESOTA        AQCR:132 NORTHWEST MINNESOTA                   AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
                                                                        POINT EMISSIONS AS OF:     MONDAY        JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          DISTILLATE OIL              51             601             373              10             103
          NATURAL GAS                  8               0             342              18              66
          WOOD                     12730             137            1006           26430           78548
          TOTAL (RESIDENTIAL)      12789             738            1721           26458           78717

       ELEC GENERATION (POINT)

          BITUMINOUS COAL            191             116              45               0              16
          LIGNITE                    231            5767            3157              20             576
          NATURAL GAS                  0               0               2               0               1
          TOTAL (ELEC GEN)           422            5881            3204              20             593

       INDUSTRIAL FUEL

          BITUMINOUS COAL
              AREA SOURCES             2              28               4               0               0
              POINT SOURCES          242             967             321               2             138
          LIGNITE
              POINT SOURCES         2153            2961             962              11             801
          RESIDUAL OIL
              POINT SOURCES           22             285              61               0               6
          DISTILLATE OIL
              AREA SOURCES             1              40              43               0               8
              POINT SOURCES            0               3               0               0               0
          NATURAL GAS
              AREA SOURCES             2               0            1110             348             140
              POINT SOURCES            0               0             286               1              29
          WOOD
              POINT SOURCES          635               2              22              25              58
          LIQUID PETROL GAS
              POINT SOURCES            0               1               5               0               1
          TOTAL (INDUSTRIAL)
              AREA SOURCES             5              68            1157             348             148
              POINT SOURCES         3052            4219            1657              39            1033

       COMM-INSTITUTIONAL FUEL

          BITUMINOUS COAL
              POINT SOURCES           15             249              40               1              21
          LIGNITE
              POINT SOURCES           82             205              63               0               9
          RESIDUAL OIL
              POINT SOURCES            3              92              17               0               1
```

```
*** K15 ***
SELECT CARD = <25    010                                                                         *** K15 ***
                                                                        45>
```

```
*** K16 ***                                                                                          *** K16 ***
        OTHER INCINERATION                   1            0            0            0            0
        TOTAL (GOVERNMENT)                 750          560          453          336         7825
   RESIDENTIAL (AREA)

        ON SITE INCINERATION              4347           67          135        12227        36685
        OPEN BURNING                      6330          225         1628         8523        27011
        TOTAL (RESIDENTIAL)              10677          292         1763        20750        63696
   COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES              112           35           53           65          152
                 POINT SOURCES               4            1            2            2            5
        OPEN BURNING
                 AREA SOURCES               11            0            3           21           50
        TOTAL (COMM-INST)
                 AREA SOURCES              123           35           56           86          202
                 POINT SOURCES               4            1            2            2            5
   INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES              110           22           22          100          150
                 POINT SOURCES            4172          547          290          797         8129
        OPEN BURNING
                 AREA SOURCES               49            1           18           86          296
                 POINT SOURCES              60            0            7           14          175
        TOTAL (INDUSTRIAL)
                 AREA SOURCES              159           23           40          186          446
                 POINT SOURCES            4232          547          297          811         8304
   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            10959          350         1859        21020        64362
                 POINT SOURCES            4986         1108          752         1149        16134
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES            93708         3603        77986        96820       983964
          LIGHT DUTY TRUCKS              25918         1600        32873        36839       314869
          HEAVY DUTY VEHICLES             4535          405        13070        14656       232234
          OFF HIGHWAY                      237          115         2669         7105        89870
          TOTAL (GASOLINE)              124398         5723       126598       155420      1620937
      DIESEL

          HEAVY DUTY VEHICLES            16142         6887        62896         8737        26936
          OFF HIGHWAY                     2797         2189        26317         4008         7955
          RAIL                             724         1642        10648         2581         3746
          TOTAL (DIESEL)                 19663        10718        99861        15326        38637
   AIRCRAFT

      MILITARY                             355           24          182          419          863
      CIVIL                                 28           10          184          581        11673
      COMMERCIAL                            96          224         2323         2059         6397
      TOTAL (AIRCRAFT)                     479          258         2689         3059        18933
   VESSELS

      DIESEL FUEL                          240          302         2273          572          798
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT
STATE:26 MISSOURI AQCR:138 SOUTHEAST MISSOURI

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	1	8	0	1	8
DISTILLATE OIL	6	85	52	0	12
NATURAL GAS	16	0	624	35	127
WOOD	8976	92	712	18637	55387
TOTAL (RESIDENTIAL)	8999	185	1388	18673	55534
ELEC GENERATION (POINT)					
BITUMINOUS COAL	7701	217892	35628	119	1053
DISTILLATE OIL	0	12	6	0	1
NATURAL GAS	0	0	25	0	2
TOTAL (ELEC GEN)	7701	217904	35659	119	1056
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	273	2306	425	1	54
RESIDUAL OIL					
POINT SOURCES	1	4	6	1	1
DISTILLATE OIL					
AREA SOURCES	8	65	74	1	19
POINT SOURCES	0	14	7	0	0
NATURAL GAS					
POINT SOURCES	17	4	1007	27	135
OTHER					
POINT SOURCES	162	33	5415	287	1083
TOTAL (INDUSTRIAL)					
AREA SOURCES	281	2371	499	2	73
POINT SOURCES	180	55	6435	315	1219
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	21	117	11	0	8
POINT SOURCES	673	997	162	8	39
RESIDUAL OIL					
AREA SOURCES	2	64	15	0	0
DISTILLATE OIL					
AREA SOURCES	2	67	46	0	9
NATURAL GAS					
AREA SOURCES	3	0	181	7	36
POINT SOURCES	0	0	55	0	4
TOTAL (COMM-INST)					

```
*** K18 ***
                                                                                                   *** K18 ***
SELECT CARD = <27     141
STATE 27 COUNTY 0100 NOT FOUND IN POINT FILE                                 45>
STATE 27 COUNTY 0260 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0740 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0920 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1220 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1560 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1580 NOT FOUND IN POINT FILE
```

```
*** L01 ***                                                                                    *** L01 ***
          RESIDUAL OIL
              AREA SOURCES               7          112          25           0           1
          DISTILLATE OIL
              AREA SOURCES               1           39          27           0           6
              POINT SOURCES              0            3           3           0           1
          NATURAL GAS
              POINT SOURCES              0            0           8           0           1
          WOOD
              POINT SOURCES              0           21          16         277         651
          TOTAL (COMM-INST)
              AREA SOURCES             120          683         158           3          62
              POINT SOURCES              5           66          29         277         655

       TOTAL (EXTERNAL COMB)
              AREA SOURCES            2999         3459        1637        5219       16076
              POINT SOURCES           5281       491482      129794         590        3755
    TOTAL (FUEL COMBUSTION)

              AREA SOURCES            2999         3459        1637        5219       16076
              POINT SOURCES           5281       491482      129794         590        3755
 INDUSTRIAL PROCESS (POINT)
 **************************

    CHEMICAL MANUFACTURING             107            0           0        1959         119
    FOOD/AGRICULTURAL                   37            0           0           0           0
    PRIMARY METAL                       15            0           0           0           0
    SECONDARY METALS                     4            2           0           1           0
    MINERAL PRODUCTS                  5859           52          15          32          16
    WOOD PRODUCTS                        0           13         109           0          75
    ORGANIC SOLVENT EVAPORATION          0            0           0        1212           0
    PETROLEUM STORAGE/TRANSPORT          0            0           0         695           0
    METAL FABRICATION                    1            0           1           0           0
    OTHER/NOT CLASSIFIED                 8            0           0         297           0
    TOTAL (INDUSTRIAL)                6031           67         125        4196         210
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION             15            0           0          48         153
       OPEN BURNING                    740           27         188        1001        3173
       TOTAL (RESIDENTIAL)             755           27         188        1049        3326
   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES               12            2           6           8          18
             POINT SOURCES               6            2           7          59         695
       TOTAL (COMM-INST)
             AREA SOURCES               12            2           6           8          18
             POINT SOURCES               6            2           7          59         695
   INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES               14            2           2          14          24
             POINT SOURCES              30            1           4          36         412
       OPEN BURNING
             AREA SOURCES               12            0           6          18          60
       TOTAL (INDUSTRIAL)
             AREA SOURCES               26            2           8          32          84
             POINT SOURCES              30            1           4          36         412
```

```
SELECT CARD = <18    101                                                                          45>
STATE 18 COUNTY 3160 NOT FOUND IN POINT FILE
```

```
*** L03 ***                                                                                              *** L03 ***
          OFF HIGHWAY                        11         5       122       327      4141
          TOTAL (GASOLINE)                 5480       384      8821      8813     85239
       DIESEL

          HEAVY DUTY VEHICLES               408       211      1906       216       654
          OFF HIGHWAY                       151       117      1413       215       429
          RAIL                              158       356      2316       562       813
          TOTAL (DIESEL)                    717       684      5635       993      1896
    AIRCRAFT

       MILITARY                             110         7        57       130       268
       CIVIL                                  0         0         5        18       337
       TOTAL (AIRCRAFT)                     110         7        62       148       605
    VESSELS

       DIESEL FUEL                          139       176      1307       327       459
       GASOLINE                               0         3        15       367      1308
       TOTAL (VESSELS)                      139       179      1322       694      1767

    TOTAL (TRANSPORTATION)                 6446      1254     15840     10648     89507

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        800         6       187       905      6596
    STRUCTURAL FIRES                         77         0         6        58       315
    GASOLINE STA EVAP LOSS                    0         0         0      1494         0
    SOLVENT EVAPORATION LOSS                  0         0         0      3345         0
    UNPAVED ROADS                         12489         0         0         0         0
    TOTAL (MISCELLANEOUS)                 13366         6       193      5802      6911
GRAND TOTAL
***********

    AREA SOURCES                          25643      4003     17688     27393    129376

    POINT SOURCES                          1893       626      2397      9929       202

    TOTAL                                 27536      4629     20085     37322    129578
```

```
*** L04 ***
                                                                                                   *** L04 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************
                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:19 LOUISIANA      AQCR:022 SHREVEPORT-TEXARKANA-TYLER           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                               PARTICULATES        SOX            NOX            VOC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                   23              3            756             39            151
         WOOD                        2068             21            165           4295          12768
         TOTAL (RESIDENTIAL)         2091             24            921           4334          12919
      ELEC GENERATION (POINT)

         RESIDUAL OIL                   0              5              3              0              0
         DISTILLATE OIL                 0              2              1              0              0
         NATURAL GAS                   25              6           4533             13            328
         TOTAL (ELEC GEN)              25             13           4537             13            328
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              239           1505            500              1             64
         RESIDUAL OIL
            POINT SOURCES               8            110             21              1              2
         DISTILLATE OIL
            AREA SOURCES               28            287            325             12             76
            POINT SOURCES               8             59             27              0              4
         NATURAL GAS
            AREA SOURCES                2              0           1966            785            268
            POINT SOURCES             361            143          23272            252           1697
         PROCESS GAS
            POINT SOURCES              15              3            125              2              0
         WOOD
            POINT SOURCES            2747            486           1706           1202           3111
         OTHER
            POINT SOURCES              17              0              0              1              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              269           1792           2791            798            408
            POINT SOURCES            3156            801          25151           1458           4814
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              766          14251           2241             44            204
         DISTILLATE OIL
            POINT SOURCES               3             36             25              0              6
         NATURAL GAS
            AREA SOURCES                6              1            249             12             50
         TOTAL (COMM-INST)
            AREA SOURCES              772          14252           2490             56            254
```

```
*** L05 ***                                                                                      *** L05 ***
              POINT SOURCES                  2          65          11           0           2
          NATURAL GAS
              AREA SOURCES                   0           0          19           0           2
          WOOD
              POINT SOURCES                  1           0           0           1           1
          TOTAL (COMM-INST)
              AREA SOURCES                  62         466         293           2          61
              POINT SOURCES                115        1635         253           6          25

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                6092        3519        2051       11995       35922
              POINT SOURCES               3230       32186        5449         666        1943

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                6092        3519        2051       11995       35922
              POINT SOURCES               3230       32186        5449         666        1943
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  91           0           0          13           0
    FOOD/AGRICULTURAL                        0           0           0           0           1
    SECONDARY METALS                         5           0           0           0           0
    MINERAL PRODUCTS                      3389        2189         573          26          13
    WOOD PRODUCTS                         1764        2472         916          13       18775
    ORGANIC SOLVENT EVAPORATION              0           0           0        2405           0
    PETROLEUM STORAGE/TRANSPORT              0           0           0         444           0
    TEXTILE MANUFACTURING                    3           0           0          24           0
    OTHER/NOT CLASSIFIED                     0        1663           0         729           0
    TOTAL (INDUSTRIAL)                    5252        6324        1489        3654       18789
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                217           2           7         614        1843
       OPEN BURNING                        708          26         182         954        3028
       TOTAL (RESIDENTIAL)                 925          28         189        1568        4871
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES                  55          17          28          33          78
       TOTAL (COMM-INST)
              AREA SOURCES                  55          17          28          33          78
    INDUSTRIAL

       ON SITE INCINERATION
              AREA SOURCES                   8           0           0           8          15
       OPEN BURNING
              AREA SOURCES                  10           0           5          17          60
       TOTAL (INDUSTRIAL)
              AREA SOURCES                  18           0           5          25          75

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 998          45         222        1626        5024
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE
```

```
*** L06 ***
                                                                                                    *** L06 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************
STATE:20 MAINE           AQCR:111 NORTHWEST MAINE                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
                                                                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                             PARTICULATES          SOX              NOX              VOC               CO
                             ************     ************     ************     ************     ************
                              TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR
GRAND TOTAL
***********
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                            RUN DATE:   MONDAY   NOVEMBER 28,
STATE:21 MARYLAND        AQCR:113 CUMBERLAND-KEYSER                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22,
                                                                        POINT EMISSIONS AS OF:   MONDAY       JULY 11,

                                PARTICULATES        SOX             NOX             VOC              CO
                                ************    ************    ************    ************    ************
                                 TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 6              15               2               6              49
         BITUMINOUS COAL               113             493              23              75             683
         DISTILLATE OIL                 22             255             160               7              44
         NATURAL GAS                     4               1             154               9              31
         WOOD                         1057              12              84            2193            6519
         TOTAL (RESIDENTIAL)          1202             776             423            2290            7326
      ELEC GENERATION (POINT)

         BITUMINOUS COAL               381            4673            2516               8              72
         DISTILLATE OIL                  0               5               0               0               0
         TOTAL (ELEC GEN)              381            4678            2516               8              72
      INDUSTRIAL FUEL


         ANTHRACITE COAL
              POINT SOURCES            122             155              60               3               8
         BITUMINOUS COAL
              POINT SOURCES            809           10170            5895              45             134
         RESIDUAL OIL
              POINT SOURCES            189             862             606               2              22
         DISTILLATE OIL
              AREA SOURCES               4              37              42               1              10
              POINT SOURCES            115             713              66               0              17
         NATURAL GAS
              AREA SOURCES               1               0             315              84              39
              POINT SOURCES              0               0             237               0               0
         TOTAL (INDUSTRIAL)
              AREA SOURCES               5              37             357              85              49
              POINT SOURCES           1235           11900            6864              50             181
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
              AREA SOURCES               9              30              11               0               0
         BITUMINOUS COAL
              POINT SOURCES            110             225              88               4              11
         DISTILLATE OIL
              AREA SOURCES               3              36              25               0               6
              POINT SOURCES              3              22               6               1               2
         NATURAL GAS
```

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*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2615        169       3526       3284      29194
         LIGHT DUTY TRUCKS             765         67       1326       1193       9268
         HEAVY DUTY VEHICLES           113         13        451        385       6232
         OFF HIGHWAY                     5          3         58        154       1940
         TOTAL (GASOLINE)             3498        252       5361       5016      46634

      DIESEL

         HEAVY DUTY VEHICLES           200        107        957        105        317
         OFF HIGHWAY                    61         47        574         87        174
         RAIL                           14         30        190         46         67
         TOTAL (DIESEL)                275        184       1721        238        558

   AIRCRAFT

      CIVIL                              2          0          7         20        404
      TOTAL (AIRCRAFT)                   2          0          7         20        404

   VESSELS

      GASOLINE                           0          9         56       1221       4349
      TOTAL (VESSELS)                    0          9         56       1221       4349

   TOTAL (TRANSPORTATION)             3775        445       7145       6495      51945

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    248          1         58        279       2039
   STRUCTURAL FIRES                     19          0          3         14         79
   GASOLINE STA EVAP LOSS                0          0          0        598          0
   SOLVENT EVAPORATION LOSS              0          0          0       1202          0
   UNPAVED ROADS                       879          0          0          0          0
   TOTAL (MISCELLANEOUS)              1146          1         61       2093       2118

GRAND TOTAL
***********

   AREA SOURCES                       9997        799       7951      18767      84450

   POINT SOURCES                      2932      86189      39604        836       1571

   TOTAL                             12929      86988      47555      19603      86021
```

```
*** L09 ***
SELECT CARD = <22    118                                                                  *** L09 ***
                                                              45>
```

```
*** L10 ***                                                                                              *** L10 **
          HEAVY DUTY VEHICLES          452          31         909        1389       21625
          OFF HIGHWAY                   33          18         368         978       12367
          TOTAL (GASOLINE)           18535         605       13274       20116      226017
      DIESEL

          HEAVY DUTY VEHICLES          678         256        2369         372        1157
          OFF HIGHWAY                   46          36         436          66         132
          RAIL                           7          16         104          25          36
          TOTAL (DIESEL)               731         308        2909         463        1325
    AIRCRAFT

        MILITARY                         1           0           0           1           2
        CIVIL                            1           1           6          20         394
        COMMERCIAL                       0           0           0           0           1
        TOTAL (AIRCRAFT)                 2           1           6          21         397
    VESSELS

        GASOLINE                                     4          22         476        1697
        TOTAL (VESSELS)                  0           4          22         476        1697

    TOTAL (TRANSPORTATION)           19268         918       16211       21076      229436
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   190           2          45         216        1561
    STRUCTURAL FIRES                   140           0          13         105         570
    GASOLINE STA EVAP LOSS               0           0           0        1687           0
    SOLVENT EVAPORATION LOSS             0           0           0        9365           0
    UNPAVED ROADS                      364           0           0           0           0
    TOTAL (MISCELLANEOUS)              694           2          58       11151        2131
GRAND TOTAL
***********

    AREA SOURCES                     22942        3515       18766       38070      249178

    POINT SOURCES                     1115        2918        2891       14301         272

    TOTAL                            24057        6433       21657       52371      249450
```

```
SELECT CARD = <23    123                                                          45>
```

```
*** L12 ***                                                                                              *** L12 ***
          NATURAL GAS
               AREA SOURCES                15           0          556          27          115
               POINT SOURCES                2           0           35           1            1
          TOTAL (COMM-INST)
               AREA SOURCES                54         352          753          27          168
               POINT SOURCES               14         127           64          10           40

       TOTAL (EXTERNAL COMB)
               AREA SOURCES             16703        1638         4866       34836       102809
               POINT SOURCES             6651       43924        28602         731         1546

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                   24          93          314           1            4
          NATURAL GAS                      42          19         1232           2           20
          TOTAL (ELEC GEN)                 66         112         1546           3           24

       TOTAL (INTERNAL COMB)               66         112         1546           3           24

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES             16703        1638         4866       34836       102809
               POINT SOURCES             6717       44036        30148         734         1570
INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                       11081       77136            0           0            0
    SECONDARY METALS                      117          46            5           0          898
    MINERAL PRODUCTS                    29910       28774         5559          22            9
    PETROLEUM INDUSTRY                      0         854            0          40            0
    WOOD PRODUCTS                         347         946          220         415         4510
    ORGANIC SOLVENT EVAPORATION             2           0            0        2002            0
    PETROLEUM STORAGE/TRANSPORT             0           0            0          66            0
    OTHER/NOT CLASSIFIED                    0         566            0           0            0
    TOTAL (INDUSTRIAL)                  41457      108322         5784        2545         5417
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION               292           1            4         811         2428
       OPEN BURNING                       440          15          123         605         1918
       TOTAL (RESIDENTIAL)                732          16          127        1416         4346
   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                48          11           25          30           82
               POINT SOURCES               76          16           13         135          648
       TOTAL (COMM-INST)
               AREA SOURCES                48          11           25          30           82
               POINT SOURCES               76          16           13         135          648
   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES                21           0            0          21           42
       OPEN BURNING
               AREA SOURCES                 2           0            1           3           10
               POINT SOURCES               36           2           13          67          191
       TOTAL (INDUSTRIAL)
               AREA SOURCES                23           0            1          24           52
```

```
SELECT CARD = <24    129                                                                          45>
STATE 24 COUNTY 0020 NOT FOUND IN POINT FILE
```

```
*** L14 ***                                                                                      *** L14 ***
        DISTILLATE OIL
            AREA SOURCES                    10          207          145            0           40
            POINT SOURCES                    0            8            3            0            1
        NATURAL GAS
            AREA SOURCES                     3            0          191            7           39
            POINT SOURCES                    0            0           44            0            8
        TOTAL (COMM-INST)
            AREA SOURCES                    13          207          336            7           79
            POINT SOURCES                  100          554          167            1           40

     TOTAL (EXTERNAL COMB)
            AREA SOURCES                 12807         1013         3216        26813        78966
            POINT SOURCES                 3574        10654         5028           60         1666
  INTERNAL COMBUSTION (POINT)

     INDUSTRIAL FUEL

        NATURAL GAS                         20            0         3412           83          491
        DIESEL FUEL                         29            6          427           11          111
        TOTAL (INDUSTRIAL)                  49            6         3839           94          602

     COMM-INSTITUTIONAL

        TOTAL (COMM-INST)                    0            0            1            0            0

     TOTAL (INTERNAL COMB)                  49            6         3840           94          602

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 12807         1013         3216        26813        78966
            POINT SOURCES                 3623        10660         8868          154         2268
INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                      8929            0            0            0            0
   MINERAL PRODUCTS                        144            2            0            2            0
   WOOD PRODUCTS                             1            0            0           30            0
   ORGANIC SOLVENT EVAPORATION               0            0            0          120            0
   PETROLEUM STORAGE/TRANSPORT               0            0            0         1149            0
   TOTAL (INDUSTRIAL)                     9074            2            0         1301            0
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 302            1            8          852         2555
      OPEN BURNING                        1276           48          327         1721         5456
      TOTAL (RESIDENTIAL)                 1578           49          335         2573         8011

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
               AREA SOURCES                 71           23           34           41           98
      OPEN BURNING
               AREA SOURCES                  8            0            0           16           32
      TOTAL (COMM-INST)
               AREA SOURCES                 79           23           34           57          130

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES               1657           72          369         2630         8141
TRANSPORTATION (AREA)
*********************
```

```
*** L15 ***
                                                                                                          *** L15 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:25 MISSISSIPPI      AQCR:018 METROPOLITAN MEMPHIS           AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                               PARTICULATES          SOX             NOX             VOC             CO
                               ************     ************    ************    ************    ************
                                TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  0               1               0               0               0
         NATURAL GAS                     2               0              51               3              10
         WOOD                          315               3              25             655            1946
         TOTAL (RESIDENTIAL)           317               4              76             658            1956
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                12             135              36               0               4
         DISTILLATE OIL
            AREA SOURCES                 1              11              11               0               3
         NATURAL GAS
            AREA SOURCES                 6               1            3134            1187             419
         TOTAL (INDUSTRIAL)
            AREA SOURCES                19             147            3181            1187             426
      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                15             237              43               1               4
         DISTILLATE OIL
            AREA SOURCES                 0               1               1               0               0
         NATURAL GAS
            AREA SOURCES                 0               0              13               1               3
         TOTAL (COMM-INST)
            AREA SOURCES                15             238              57               2               7
      TOTAL (EXTERNAL COMB)
            AREA SOURCES               351             389            3314            1847            2389
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               351             389            3314            1847            2389
INDUSTRIAL PROCESS (POINT)
**************************

   MINERAL PRODUCTS                     45              73              51               2               6
   ORGANIC SOLVENT EVAPORATION           0               0               0             103               0
   TOTAL (INDUSTRIAL)                   45              73              51             105               6
SOLID WASTE DISPOSAL
********************
```

```
*** L16 ***                                                                                                   *** L16 ***
        GASOLINE                              0            103            609          13332          47531
        TOTAL (VESSELS)                     240            405           2882          13904          48329

     TOTAL (TRANSPORTATION)              144780          17104         232030         187709        1726836

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                      7166             43           1689           8089          58981
     STRUCTURAL FIRES                      1335              0            110           1001           5441
     GASOLINE STA EVAP LOSS                   0              0              0          23553              0
     SOLVENT EVAPORATION LOSS                 0              0              0          78444              0
     UNPAVED ROADS                       894908              0              0              0              0
     UNPAVED AIRSTRIPS                      250              0              0              0              0
     TOTAL (MISCELLANEOUS)               903659             43           1799         111087          64422

GRAND TOTAL
***********

     AREA SOURCES                       1097952          56122         257213         389177        2067534

     POINT SOURCES                       304102        1221153         353100         182395          82603

     TOTAL                              1402054        1277275         610313         571572        2150137
```

```
*** L17 ***                                                                                        *** L17 ***
                     AREA SOURCES                28          248          253            7           53
                     POINT SOURCES              673          997          217            8           43
          TOTAL (EXTERNAL COMB)
                     AREA SOURCES              9308         2806         2140        18682        55660
                     POINT SOURCES             8554       218956        42311          442         2318
      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

               NATURAL GAS                        0            0            5            0            1
               TOYAL (ELEC GEN)                   0            0            5            0            1
          INDUSTRIAL FUEL

               NATURAL GAS                        4            1          191            2           38
               TOTAL (INDUSTRIAL)                 4            1          191            2           38
          COMM-INSTITUTIONAL

               TOTAL (COMM-INST)                  1            1           15            1            3

          TOTAL (INTERNAL COMB)                   5            2          211            3           42
      TOTAL (FUEL COMBUSTION)

                     AREA SOURCES              9308         2806         2140        18682        55660
                     POINT SOURCES             8559       218958        42522          445         2360
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   34563            0        13942        24946        18689
     FOOD/AGRICULTURAL                           78            0            0            0            0
     PRIMARY METAL                             5209         3845            0            0            0
     SECONDARY METALS                            12            1            0            0          102
     MINERAL PRODUCTS                         21107         1894         4634            3         2880
     PETROLEUM INDUSTRY                           0            0           28            0            5
     ORGANIC SOLVENT EVAPORATION                  1            0            0          859            0
     PETROLEUM STORAGE/TRANSPORT                  0            0            0          549            0
     METAL FABRICATION                         2249            0            0            0            0
     OTHER/NOT CLASSIFIED                         0         2957            0            0            0
     TOTAL (INDUSTRIAL)                       63219         8697        18606        26357        21676
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          OPEN BURNING                          422           14          110          566         1791
          TOTAL (RESIDENTIAL)                   422           14          110          566         1791
     INDUSTRIAL

          ON SITE INCINERATION
                     POINT SOURCES               48            7           48          532         6292
          OPEN BURNING
                     POINT SOURCES               60            0            7           14          175
          TOTAL (INDUSTRIAL)
                     POINT SOURCES              108            7           55          546         6467

     TOTAL (SOLID WASTE DISP)
                     AREA SOURCES               422           16          110          566         1791
                     POINT SOURCES              108            7           55          546         6467
```

```
*** L18 ***
                                                                                                   *** L18 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************
                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************
                                                                         RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:27 MONTANA        AQCR:141 GREAT FALLS               AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                          PARTICULATES       SOX            NOX            VOC             CO
                          ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           4             18              0              3             30
         DISTILLATE OIL            2             39             17              0              3
         NATURAL GAS               5              1            202              8             41
         WOOD                    430              4             33            892           2651
         TOTAL (RESIDENTIAL)     441             62            252            903           2725

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         130            547            136              0             17
         RESIDUAL OIL
            AREA SOURCES          57            620            165              1             14
         DISTILLATE OIL
            AREA SOURCES           1             13             10              0              2
         NATURAL GAS
            AREA SOURCES           0              0             11              4              2
            POINT SOURCES          6              1            297              6             73
         PROCESS GAS
            POINT SOURCES          4             68             74              6             13
         TOTAL (INDUSTRIAL)
            AREA SOURCES         188           1180            322              5             35
            POINT SOURCES         10             69            371             12             86

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES           2             63             30              0              6
         NATURAL GAS
            AREA SOURCES           3              0            126              5             25
            POINT SOURCES          0              0              6              0              1
         TOTAL (COMM-INST)
            AREA SOURCES           5             63            156              5             31
            POINT SOURCES          0              0              6              0              1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES         634           1305            730            913           2791
            POINT SOURCES         10             69            377             12             87

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS               0              0              2              0              0
```

```
*** M01 ***                                                                                        *** M01 ***
    TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 793          31          202         1089         3428
              POINT SOURCES                 36           3           11           95         1107
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           6024         318         7003         7261        68482
            LIGHT DUTY TRUCKS             2041         150         3049         3024        24619
            HEAVY DUTY VEHICLES            574          62         2043         1924        30856
            OFF HIGHWAY                     14           8          199          526         6659
            TOTAL (GASOLINE)              8653         538        12294        12735       130616

        DIESEL

            HEAVY DUTY VEHICLES           1400         701         6316          744         2261
            OFF HIGHWAY                    159         122         1499          226          454
            RAIL                           179         407         2649          641          931
            TOTAL (DIESEL)                1738        1230        10464         1611         3646

    AIRCRAFT

        MILITARY                           762          49          391          896         1850
        CIVIL                                0           0            8           24          527
        COMMERCIAL                           2           5           55           49          151
        TOTAL (AIRCRAFT)                   764          54          454          969         2528

    VESSELS

        DIESEL FUEL                        215         271         2009          502          703
        GASOLINE                             0          14           77         1726         6158
        TOTAL (VESSELS)                    215         285         2086         2228         6861

    TOTAL (TRANSPORTATION)               11370        2107        25298        17543       143651

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       957           8          226         1081         7884
    STRUCTURAL FIRES                        99           0            9           73          400
    GASOLINE STA EVAP LOSS                   0           0            0         1612            0
    SOLVENT EVAPORATION LOSS                 0           0            0         4251            0
    UNPAVED ROADS                        25564           0            0            0            0
    TOTAL (MISCELLANEOUS)                26620           8          235         7017         8284

GRAND TOTAL
***********

    AREA SOURCES                         41782        5605        27372        30868       171439

    POINT SOURCES                        11348      491552       129930         4881         5072

    TOTAL                                53130      497157       157302        35749       176511
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                                                                                                   *** M02 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:101 APPALACHIAN                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              49            125             12             49            417
         BITUMINOUS COAL            1201           4472            239            804           7218
         DISTILLATE OIL               10            136             85              1             20
         NATURAL GAS                  11              0            375             19             76
         WOOD                        425              1             31            881           2615
         TOTAL (RESIDENTIAL)        1696           4734            742           1754          10346
      ELEC GENERATION (POINT)

         BITUMINOUS COAL               6            284            174              1              5
         TOTAL (ELEC GEN)              6            284            174              1              5
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             152           1150            316              0             40
            POINT SOURCES             36             29             10              0              6
         RESIDUAL OIL
            AREA SOURCES               0              1              0              0              0
         DISTILLATE OIL
            AREA SOURCES               8             97            108              2             26
         NATURAL GAS
            AREA SOURCES               0              0             33             12              6
            POINT SOURCES              0              0             23              0              5
         TOTAL (INDUSTRIAL)
            AREA SOURCES             160           1248            457             14             72
            POINT SOURCES             36             29             33              0             11
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              11             48             16              0              0
         BITUMINOUS COAL
            AREA SOURCES              98            487             89              1             54
            POINT SOURCES             31             40             14              0             11
         RESIDUAL OIL
            AREA SOURCES               5             89             19              0              0
         DISTILLATE OIL
            AREA SOURCES               0             30             22              0              4
         NATURAL GAS
            POINT SOURCES              6              1            200             11             40
         TOTAL (COMM-INST)
```

```
*** M03 ***
SELECT CARD = <18    105                                                                    *** M03 ***
                                                                        45>
```

POINT SOURCES	3	36	25	0	6
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3132	16068	6202	5188	13581
POINT SOURCES	3184	850	29713	1471	5148
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	1	173	3	3
NATURAL GAS	31	11	2403	14	56
TOTAL (ELEC GEN)	36	12	2576	17	59
INDUSTRIAL FUEL					
NATURAL GAS	49	9	13655	3950	2990
TOTAL (INDUSTRIAL)	49	9	13655	3950	2990
TOTAL (INTERNAL COMB)	85	21	16231	3967	3049
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3132	16068	6202	5188	13581
POINT SOURCES	3269	871	45944	5438	8197
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	136	2145	0	48	0
SECONDARY METALS	558	2	1316	5	3
MINERAL PRODUCTS	4538	505	1405	162	167
PETROLEUM INDUSTRY	38	1607	936	4689	26
WOOD PRODUCTS	2988	1388	684	293	11890
ORGANIC SOLVENT EVAPORATION	0	0	0	731	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1642	0
OTHER/NOT CLASSIFIED	33	21	47	174	23
TOTAL (INDUSTRIAL)	8291	5668	4388	7744	12109
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	149	1	3	418	1255
OPEN BURNING	889	36	228	1197	3803
TOTAL (RESIDENTIAL)	1038	37	231	1615	5058
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
POINT SOURCES	30	1	10	172	1
TOTAL (COMM-INST)					
POINT SOURCES	30	1	10	172	1
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	519	42	131	334	3207
OPEN BURNING					
POINT SOURCES	165	10	62	310	878
TOTAL (INDUSTRIAL)					
POINT SOURCES	684	52	193	644	4085
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1038	37	231	1615	5058

```
          LIGHT DUTY VEHICLES          4973        261       5844       6077      58580
          LIGHT DUTY TRUCKS            1701        125       2718       2772      23062
          HEAVY DUTY VEHICLES           332         35       1162       1137      18171
          OFF HIGHWAY                    35         19        392       1042      13185
          TOTAL (GASOLINE)             7041        440      10116      11028     112998
      DIESEL

          HEAVY DUTY VEHICLES           633        319       2876        337       1019
          OFF HIGHWAY                    97         76        909        139        274
          RAIL                           27         58        371         89        129
          TOTAL (DIESEL)                757        453       4156        565       1422
    AIRCRAFT

        CIVIL                             4          2         23         69       1372
        TOTAL (AIRCRAFT)                  4          2         23         69       1372
    VESSELS

        DIESEL FUEL                       1          2         12          3          4
        RESIDUAL OIL                      1          8          1          0          0
        GASOLINE                          0          8         46       1011       3603
        TOTAL (VESSELS)                   2         18         59       1014       3607

    TOTAL (TRANSPORTATION)             7804        913      14354      12676     119399
MISCELLANEOUS (AREA)
********************

       FOREST WILDFIRES                  41          0          9         46        335
       AGRICULTURAL BURNING               2          0          0          2         12
       STRUCTURAL FIRES                 104          0         11         78        426
       GASOLINE STA EVAP LOSS             0          0          0       1590          0
       SOLVENT EVAPORATION LOSS           0          0          0       5550          0
       UNPAVED ROADS                  22053          0          0          0          0
       UNPAVED AIRSTRIPS                 35          0          0          0          0
       TOTAL (MISCELLANEOUS)          22235          0         20       7266        773
GRAND TOTAL
***********

       AREA SOURCES                   37129       4477      16647      33563     161118

       POINT SOURCES                   8482      38510       6938       4320      20732

       TOTAL                          45611      42987      23585      37883     181850
```

```
SELECT CARD = <21                                              25>
```

```
*** M07 ***
                  AREA SOURCES             1             0             41              2              8    *** M07
          TOTAL (COMM-INST)
                  AREA SOURCES            13            66             77              2             14
                  POINT SOURCES          113           247             92              5             13

       TOTAL (EXTERNAL COMB)
                  AREA SOURCES          1220           879            857           2377           7389
                  POINT SOURCES         1729         16825           9472             63            266
    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          DISTILLATE OIL                  24            22            330             26             72
          TOTAL (INDUSTRIAL)              24            22            330             26             72

       TOTAL (INTERNAL COMB)              24            22            330             26             72

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES          1220           879            857           2377           7389
                  POINT SOURCES         1753         16847           9802             89            338
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                30             0              0             24              0
    MINERAL PRODUCTS                     743           128            883              3              5
    WOOD PRODUCTS                        261           603             98              0           3040
    ORGANIC SOLVENT EVAPORATION            0             0              0             85              0
    OTHER/NOT CLASSIFIED                  71             6              0            154              0
    TOTAL (INDUSTRIAL)                  1105           737            981            266           3045
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                2             0              0              4             14
       OPEN BURNING                      865            32            221           1167           3703
       TOTAL (RESIDENTIAL)               867            32            221           1171           3717
    COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
                  AREA SOURCES             4             0              2              8             21
       TOTAL (COMM-INST)
                  AREA SOURCES             4             0              2              8             21
    INDUSTRIAL

       ON SITE INCINERATION
                  AREA SOURCES             2             0              0              2              6
                  POINT SOURCES            0             1              1             29              2
       OPEN BURNING
                  AREA SOURCES            17             1              6             30            105
       TOTAL (INDUSTRIAL)
                  AREA SOURCES            19             1              6             32            109
                  POINT SOURCES            0             1              1             29              2
    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES           890            33            229           1211           3847
                  POINT SOURCES            0             1              1             29              2
TRANSPORTATION (AREA)
********************
```

```
*** M08 ***
SELECT CARD = <22                                                                    25>                           *** M08 ***
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*** M09 ***
                                                                                                         *** M09 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:22 MASSACHUSETTS   AQCR:118 CENTRAL MASSACHUSETTS     AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES         SOX             NOX             VOC              CO
                            ************    ************    ************    ************    ************
                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              4              11               1               4              37
         DISTILLATE OIL             123            1420             887              35             247
         NATURAL GAS                 17               3             563              30             113
         WOOD                      6221              65             491           12916           38388
         TOTAL (RESIDENTIAL)       6365            1499            1942           12985           38785
      ELEC GENERATION (POINT)

         DISTILLATE OIL               0               7               4               0               1
         TOTAL (ELEC GEN)             0               7               4               0               1
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             32             315              78               0              10
         RESIDUAL OIL
            POINT SOURCES           306            4054            1084            2167              99
         DISTILLATE OIL
            AREA SOURCES             16             161             181               6              43
            POINT SOURCES            12             101              54             698               6
         NATURAL GAS
            AREA SOURCES              1               0             129              19              14
            POINT SOURCES             6               0             276            3665              22
         WOOD
            POINT SOURCES            41               0               4             166              10
         TOTAL (INDUSTRIAL)
            AREA SOURCES             49             476             388              25              67
            POINT SOURCES           365            4155            1418            6696             137
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             33             108              39               0               2
         RESIDUAL OIL
            AREA SOURCES             69             527             203               6              18
            POINT SOURCES            30             393             136               3              12
         DISTILLATE OIL
            AREA SOURCES             20             294             204               3              51
            POINT SOURCES             0               1               0               0               0
         NATURAL GAS
            AREA SOURCES              6               1             201              11              60
            POINT SOURCES             0               0              15               0               6
```

```
*** M10 ***
SELECT CARD = <23                                                              *** M10 ***
                                              25>
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:23 MICHIGAN AQCR:123 METROPOLITAN DETROIT-PORT HURO

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	0	1	0	0	6
BITUMINOUS COAL	35	74	6	24	215
DISTILLATE OIL	70	813	509	20	141
NATURAL GAS	283	58	9461	502	1893
WOOD	1797	19	142	3731	11092
TOTAL (RESIDENTIAL)	2185	965	10118	4277	13345
ELEC GENERATION (POINT)					
BITUMINOUS COAL	63861	81359	66182	616	2437
RESIDUAL OIL	1904	6903	4382	91	262
DISTILLATE OIL	25	48	30	6	19
NATURAL GAS	576	1863	11026	161	578
TOTAL (ELEC GEN)	66366	90173	81620	872	3296
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	6273	29221	10944	402	885
RESIDUAL OIL					
POINT SOURCES	298	3479	1258	44	60
DISTILLATE OIL					
POINT SOURCES	127	568	588	35	48
NATURAL GAS					
AREA SOURCES	29	5	10241	3667	1344
POINT SOURCES	148	336	9211	108	500
PROCESS GAS					
POINT SOURCES	64	1782	842	8	144
TOTAL (INDUSTRIAL)					
AREA SOURCES	29	5	10241	3667	1344
POINT SOURCES	6910	35386	22843	597	1637
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	30	98	36	0	2
BITUMINOUS COAL					
AREA SOURCES	222	798	268	12	139
RESIDUAL OIL					
AREA SOURCES	34	226	99	2	9
POINT SOURCES	10	72	24	2	2
DISTILLATE OIL					

```
*** M12 ***                                                                                     *** M12 ***
            POINT SOURCES                36          2          13          67         191
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                803         27         153        1470        4480
            POINT SOURCES               112         18          26         202         839
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           7171        460        9748        9291       85453
         LIGHT DUTY TRUCKS             3297        275        5953        5712       45404
         HEAVY DUTY VEHICLES            460         55        1844        1613       26038
         OFF HIGHWAY                    100         51        1110        2967       37293
         TOTAL (GASOLINE)             11028        821       18655       19563      194188
      DIESEL

         HEAVY DUTY VEHICLES            809        436        3882         425        1283
         OFF HIGHWAY                    219        173        2071         313         630
         RAIL                            94        209        1356         327         481
         TOTAL (DIESEL)                1122        818        7309        1065        2394
   AIRCRAFT

      MILITARY                          540         35         277         635        1311
      CIVIL                               4          1          32         100        2039
      COMMERCIAL                          3          6          63          56         173
      TOTAL (AIRCRAFT)                  547         42         372         791        3523
   VESSELS

      DIESEL FUEL                         5          7          59          16          19
      RESIDUAL OIL                        0          8           2           0           0
      GASOLINE                            0        107         603       13260       47254
      TOTAL (VESSELS)                     5        122         664       13276       47273

   TOTAL (TRANSPORTATION)             12702       1803       27000       34693      247378
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     300          0          73         342        2693
   FOREST MANAGED BURNING                53          0           9          38         293
   STRUCTURAL FIRES                      55          0           5          39         219
   GASOLINE STA EVAP LOSS                 0          0           0        3400           0
   SOLVENT EVAPORATION LOSS               0          0           0        9506           0
   UNPAVED ROADS                      27931          0           0           0           0
   UNPAVED AIRSTRIPS                      8          0           0           0           0
   TOTAL (MISCELLANEOUS)              28347          0          87       13325        3005
GRAND TOTAL
***********

   AREA SOURCES                       58555       3268       32106       84324      357672

   POINT SOURCES                      48286     152376       35958        3481        7826

   TOTAL                             106841     155644       68064       87805      365498
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************
STATE:24 MINNESOTA      AQCR:129 DULUTH-SUPERIOR                                     RUN DATE:    MONDAY  NOVEMBER 28, 1983
                                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               51            590            369             14            103
         NATURAL GAS                   7              1            225             13             46
         WOOD                       5501             58            434          11422          33945
         TOTAL (RESIDENTIAL)        5559            649           1028          11449          34094
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1747          35066          39173            132           1488
         RESIDUAL OIL                 39            481            124              1              9
         DISTILLATE OIL                0             17             14              0              3
         NATURAL GAS                   0              0              8              0              1
         TOTAL (ELEC GEN)           1786          35564          39319            133           1501
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               4             30              6              0              0
            POINT SOURCES            584          15573           4976             18            432
         RESIDUAL OIL
            POINT SOURCES             62            973            248              1             23
         DISTILLATE OIL
            AREA SOURCES               4             42             47              1             11
            POINT SOURCES              1             28             11              0              3
         NATURAL GAS
            AREA SOURCES               4              1            957            300            121
            POINT SOURCES              8              2           2161              9            179
         PROCESS GAS
            POINT SOURCES              2            546            101              2             25
         WOOD
            POINT SOURCES            435             14            170            193            453
         OTHER
            POINT SOURCES              2             13              6              0              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES              12             73           1010            301            132
            POINT SOURCES           1094          17149           7673            223           1117
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            109            596            145              0              6
         RESIDUAL OIL
            POINT SOURCES              3             55             15              0              1
         DISTILLATE OIL
```

```
*** M16 ***                                                                                   *** M16 **
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5264          314          7399          7715          70450
         LIGHT DUTY TRUCKS            2599          210          4682          4697          37748
         HEAVY DUTY VEHICLES           568           67          2310          1996          32228
         OFF HIGHWAY                    27           11           307           823          10389
         TOTAL (GASOLINE)             8458          602         14698         15231         150815

      DIESEL

         HEAVY DUTY VEHICLES           961          506          4532           507           1529
         OFF HIGHWAY                   413          322          3868           588           1170
         RAIL                           88          199          1281           313            450
         TOTAL (DIESEL)               1462         1027          9681          1408           3149

   AIRCRAFT

      CIVIL                              7            0            39           119           2383
      TOTAL (AIRCRAFT)                   7            0            39           119           2383

   VESSELS

      GASOLINE                           0           59           346          7572          26981
      TOTAL (VESSELS)                    0           59           346          7572          26981

   TOTAL (TRANSPORTATION)             9927         1688         24764         24330         183328

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   2314           22           544          2611          19044
   STRUCTURAL FIRES                    117            0             8            85            467
   GASOLINE STA EVAP LOSS                0            0             0          2387              0
   SOLVENT EVAPORATION LOSS              0            0             0          4228              0
   UNPAVED ROADS                    230327            0             0             0              0
   UNPAVED AIRSTRIPS                     2            0             0             0              0
   TOTAL (MISCELLANEOUS)            232760           22           552          9311          19511

GRAND TOTAL
***********

   AREA SOURCES                     257151         2795         28899         63084         289924

   POINT SOURCES                     12697        10662          8868          1455           2268

   TOTAL                            269848        13457         37767         64539         292192
```

```
*** M15 ***                                                                                    *** M15 ***
   RESIDENTIAL (AREA)

      ON SITE INCINERATION                23          0          1         65        196
      OPEN BURNING                        89          3         23        120        382
      TOTAL (RESIDENTIAL)                112          3         24        185        578

   INDUSTRIAL

      OPEN BURNING
            AREA SOURCES                   2          0          1          3         10
      TOTAL (INDUSTRIAL)
            AREA SOURCES                   2          0          1          3         10

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 114          3         25        188        588
TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             887         38        809        932       9069
         LIGHT DUTY TRUCKS               326         19        370        618       3556
         HEAVY DUTY VEHICLES              42          4        122        133       2117
         OFF HIGHWAY                       3          1         29         77        979
         TOTAL (GASOLINE)               1256         62       1330       1560      15721
      DIESEL

         HEAVY DUTY VEHICLES             110         51        463         59        181
         OFF HIGHWAY                      49         38        459         70        139
         RAIL                             12         27        172         42         60
         TOTAL (DIESEL)                  171        116       1094        171        380
   AIRCRAFT

      CIVIL                                1          0          3          9        189
      TOTAL (AIRCRAFT)                     1          0          3          9        189
   VESSELS

      DIESEL FUEL                          6          8         59         15         21
      GASOLINE                             0          2          9        197        704
      TOTAL (VESSELS)                      6         10         68        212        725
   TOTAL (TRANSPORTATION)               1434        188       2495       1952      17015
MISCELLANEOUS (AREA)
*******************

   FOREST WILDFIRES                        1          0          0          1         10
   STRUCTURAL FIRES                       10          0          1          8         42
   GASOLINE STA EVAP LOSS                  0          0          0        171          0
   SOLVENT EVAPORATION LOSS                0          0          0        638          0
   UNPAVED ROADS                        5733          0          0          0          0
   TOTAL (MISCELLANEOUS)                5744          0          1        818         52
GRAND TOTAL
***********

   AREA SOURCES                         7643        580       5835       4805      20064

   POINT SOURCES                          65         73         51        105          6
```

```
*** M16 ***
SELECT CARD = <26    070                                                                *** M16 ***
                                                              45>
```

```
*** M17 ***
TRANSPORTATION (AREA)
*********************                                                                                  *** M17 ***

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           6881        375       8463       8884      81752
         LIGHT DUTY TRUCKS             3184        247       5131       5141      41088
         HEAVY DUTY VEHICLES            446         48       1621       1500      24084
         OFF HIGHWAY                     25         11        259        689       8730
         TOTAL (GASOLINE)             10536        681      15474      16214     155654

      DIESEL

         HEAVY DUTY VEHICLES           1380        682       6157        733       2235
         OFF HIGHWAY                    420        330       3958        603       1200
         RAIL                            78        173       1117        270        395
         TOTAL (DIESEL)                1878       1185      11232       1606       3830

   AIRCRAFT

      MILITARY                           11          1          5         13         26
      CIVIL                               3          1         25         82       1636
      COMMERCIAL                          1          2         16         14         44
      TOTAL (AIRCRAFT)                   15          4         46        109       1706

   VESSELS

      DIESEL FUEL                        43         55        411        103        145
      GASOLINE                            0         17        106       2348       8370
      TOTAL (VESSELS)                    43         72        517       2451       8515

   TOTAL (TRANSPORTATION)             12472       1942      27269      20380     169705

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     784          4        185        886       6460
   STRUCTURAL FIRES                     122          0          8         90        489
   GASOLINE STA EVAP LOSS                 0          0          0       2601          0
   SOLVENT EVAPORATION LOSS               0          0          0       6814          0
   UNPAVED ROADS                     145523          0          0          0          0
   TOTAL (MISCELLANEOUS)             146429          4        193      10391       6949

GRAND TOTAL
***********

   AREA SOURCES                      168631       4764      29712      50019     234105

   POINT SOURCES                      71886     227662      61181      27348      30503

   TOTAL                             240517     232426      90893      77367     264608
```

```
*** M18 ***
          TOTAL (INDUSTRIAL)              0          0          2          0          0     *** M18 ***

       TOTAL (INTERNAL COMB)              0          0          2          0          0

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            634       1305        730        913       2791
               POINT SOURCES             10         69        379         12         87
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                0         39          0          0          0
    FOOD/AGRICULTURAL                    93          0          0          0          0
    SECONDARY METALS                    394          0          0          0          0
    PETROLEUM INDUSTRY                   11        463        189        792      10599
    PETROLEUM STORAGE/TRANSPORT           0          0          0        718          0
    TOTAL (INDUSTRIAL)                  498        502        189       1510      10599
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION             156          1          4        437       1314
       OPEN BURNING                     358         14         91        482       1527
       TOTAL (RESIDENTIAL)              514         15         95        919       2841
    COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
              AREA SOURCES                1          0          0          2          4
       TOTAL (COMM-INST)
              AREA SOURCES                1          0          0          2          4
    INDUSTRIAL

       OPEN BURNING
              AREA SOURCES                2          0          1          3         10
       TOTAL (INDUSTRIAL)
              AREA SOURCES                2          0          1          3         10
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              517         15         96        924       2855
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           2150         86       1962       2721      28183
         LIGHT DUTY TRUCKS             1256         74       1537       1966      18490
         HEAVY DUTY VEHICLES            149         14        493        504       8041
         OFF HIGHWAY                      9          3        100        262       3280
         TOTAL (GASOLINE)              3564        177       4092       5453      57994
      DIESEL

         HEAVY DUTY VEHICLES            790        353       3202        426       1308
         OFF HIGHWAY                    176        138       1667        253        505
         RAIL                           139        317       2058        501        723
         TOTAL (DIESEL)                1105        808       6927       1180       2536
   AIRCRAFT
```

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*** N01 ***
SELECT CARD = <18    077                                                                   45>                    *** N01 ***
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```
*** NO2 ***                                                                                    *** NO2 ***
                 AREA SOURCES              114          654          146           1          58
                 POINT SOURCES              37           41          214          11          51
         TOTAL (EXTERNAL COMB)
                 AREA SOURCES             1970         6636         1345        1769       10476
                 POINT SOURCES              79          354          421          12          67
     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             1970         6636         1345        1769       10476
                 POINT SOURCES              79          354          421          12          67
  INDUSTRIAL PROCESS (POINT)
  **************************

      CHEMICAL MANUFACTURING              1780            0            0        2421        1424
      FOOD/AGRICULTURAL                      1            0            0           0           2
      SECONDARY METALS                      11            1            0           0          84
      MINERAL PRODUCTS                   10466          400          169         112          14
      ORGANIC SOLVENT EVAPORATION            0            0            0          11           0
      PETROLEUM STORAGE/TRANSPORT            0            0            0         549           0
      OTHER/NOT CLASSIFIED                   0            0            0           0           1
      TOTAL (INDUSTRIAL)                 12258          401          169        3093        1525
  SOLID WASTE DISPOSAL
  ********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION               21            0            0          62         195
         OPEN BURNING                      889           33          228        1197        3796
         TOTAL (RESIDENTIAL)               910           33          228        1259        3991
      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES               11            1            6           7          22
         TOTAL (COMM-INST)
                 AREA SOURCES               11            1            6           7          22
      INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES               10            0            0          10          20
                 POINT SOURCES               1            0            0           2          28
         OPEN BURNING
                 AREA SOURCES                6            0            3           9          30
         TOTAL (INDUSTRIAL)
                 AREA SOURCES               16            0            3          19          50
                 POINT SOURCES               1            0            0           2          28
     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              937           34          237        1285        4063
                 POINT SOURCES               1            0            0           2          28
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           3294          282         6399        5578       45075
            LIGHT DUTY TRUCKS             1938          228         4391        3309       23613
            HEAVY DUTY VEHICLES            397           55         2024        1441       23662
            OFF HIGHWAY                     21           11          257         683        8628
```

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*** N03 ***                                                                                          *** N03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                RUN DATE:            MONDAY   NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:105 SOUTH CENTRAL KENTUCKY       AREA EMISSIONS AS OF:            TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:           MONDAY       JULY 11, 1983

                                  PARTICULATES        SOX            NOX            VOC            CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                5             14              0              5             49
         BITUMINOUS COAL              154            568             30            101            916
         DISTILLATE OIL                 6             87             54              1             13
         NATURAL GAS                    7              0            266             12             52
         WOOD                       16424            171           1295          34106         101363
         TOTAL (RESIDENTIAL)        16596            840           1645          34225         102393
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             5968          19954           7674             26            219
         TOTAL (ELEC GEN)            5968          19954           7674             26            219
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              538           4041           1117              4            144
         RESIDUAL OIL
            AREA SOURCES                1             26              6              0              0
            POINT SOURCES              16            207             78              0              7
         DISTILLATE OIL
            AREA SOURCES               22            226            254              8             60
            POINT SOURCES               1             34             23              0              6
         NATURAL GAS
            AREA SOURCES                0              0            100             38             16
            POINT SOURCES               3              0            176              3             44
         WOOD
            POINT SOURCES              17              0              4              4              9
         LIQUID PETROL GAS
            POINT SOURCES               0              0              5              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              561           4293           1477             50            220
            POINT SOURCES              37            241            286              7             67
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               10             38             11              0              0
         BITUMINOUS COAL
            AREA SOURCES               77            384             70              1             41
            POINT SOURCES               4            298             31              0             11
         RESIDUAL OIL
            AREA SOURCES                5            107             28              0              1
```

POINT SOURCES	714	53	203	816	4086
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	10613	430	8795	10402	101731
LIGHT DUTY TRUCKS	3474	203	3798	4212	35681
HEAVY DUTY VEHICLES	816	71	2224	2542	40368
OFF HIGHWAY	38	21	418	1112	14061
TOTAL (GASOLINE)	14941	725	15235	18268	191821
DIESEL					
HEAVY DUTY VEHICLES	1914	861	7817	1030	3162
OFF HIGHWAY	648	508	6087	926	1840
RAIL	234	534	3458	839	1215
TOTAL (DIESEL)	2796	1903	17362	2795	6217
AIRCRAFT					
MILITARY	332	22	170	391	807
CIVIL	3	2	17	57	1125
COMMERCIAL	7	17	181	161	499
TOTAL (AIRCRAFT)	342	41	368	609	2431
VESSELS					
GASOLINE	0	14	82	1792	6384
TOTAL (VESSELS)	0	14	82	1792	6384
TOTAL (TRANSPORTATION)	18079	2683	33047	23464	206853
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	18	0	1	18	136
FOREST MANAGED BURNING	1126	8	225	805	6305
STRUCTURAL FIRES	163	0	14	121	658
GASOLINE STA EVAP LOSS	0	0	0	2680	0
SOLVENT EVAPORATION LOSS	0	0	0	7612	0
UNPAVED ROADS	49110	0	0	0	0
UNPAVED AIRSTRIPS	67	0	0	0	0
TOTAL (MISCELLANEOUS)	50484	8	240	11236	7099
GRAND TOTAL ***********					
AREA SOURCES	72733	18796	39720	41503	232591
POINT SOURCES	12274	6592	50535	13998	24392
TOTAL	85007	25388	90255	55501	256983

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*** N05 ***
SELECT CARD = <20    108                                                          45>                                  *** N05 ***
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*** N06 ***                                                                                      *** N06 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************
STATE EMISSIONS REPORT
****************************                                                   RUN DATE:   MONDAY    NOVEMBER 28, 1983
STATE 21:MARYLAND                                              AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                           PARTICULATES        SOX             NOX             VOC              CO
                           ************   ************    ************    ************    ************
                            TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL          7             21               2               7              68
         BITUMINOUS COAL        170            740              33             114            1025
         DISTILLATE OIL         391           4484            2803             109             777
         NATURAL GAS            108             22            3696             195             738
         WOOD                 20707            218            1637           42992          127777
         TOTAL (RESIDENTIAL)  21383           5485            8171           43417          130385
      ELEC GENERATION (POINT)

         BITUMINOUS COAL       5833         177056           73724             706            2519
         RESIDUAL OIL          1791          17225           10590             162             899
         DISTILLATE OIL          28           4962             890               6              64
         NATURAL GAS              4              0              70               1               6
         TOTAL (ELEC GEN)      7656         199243           85274             875            3488
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES       122            155              60               3               8
         BITUMINOUS COAL
            POINT SOURCES       820          10173            5897              45             134
         RESIDUAL OIL
            POINT SOURCES       801          10492            4047              22             330
         DISTILLATE OIL
            AREA SOURCES         56            545             616              19             143
            POINT SOURCES       130           1187             278               2              56
         NATURAL GAS
            AREA SOURCES         38              6            6076            1631             739
            POINT SOURCES        13              2            1447               8             133
         PROCESS GAS
            POINT SOURCES       227            949            2176              15             943
         WOOD
            POINT SOURCES       800             18             129             456              26
         OTHER
            POINT SOURCES         7            110              82               2              18
         TOTAL (INDUSTRIAL)
            AREA SOURCES         96            551            6690            1650             882
            POINT SOURCES      2920          23086           14116             553            1648
      COMM-INSTITUTIONAL FUEL
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4343	185	4013	4769	46980
LIGHT DUTY TRUCKS	1307	79	1629	1834	15795
HEAVY DUTY VEHICLES	223	21	677	725	11526
OFF HIGHWAY	13	7	145	385	4875
TOTAL (GASOLINE)	5886	292	6464	7713	79176
DIESEL					
HEAVY DUTY VEHICLES	602	285	2577	322	984
OFF HIGHWAY	72	56	674	103	203
RAIL	17	39	253	60	89
TOTAL (DIESEL)	691	380	3504	485	1276
AIRCRAFT					
MILITARY	34	2	17	39	81
CIVIL	2	1	9	27	558
COMMERCIAL	1	3	35	31	96
TOTAL (AIRCRAFT)	37	6	61	97	735
VESSELS					
GASOLINE	0	2	8	182	650
TOTAL (VESSELS)	0	2	8	182	650
TOTAL (TRANSPORTATION)	6614	680	10037	8477	81837
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	698	6	164	787	5745
STRUCTURAL FIRES	73	0	6	55	295
GASOLINE STA EVAP LOSS	0	0	0	1274	0
SOLVENT EVAPORATION LOSS	0	0	0	2983	0
UNPAVED ROADS	11757	0	0	0	0
TOTAL (MISCELLANEOUS)	12528	6	170	5099	6040
GRAND TOTAL ***********					
AREA SOURCES	21252	1598	11293	17164	99113
POINT SOURCES	2858	17585	10784	384	3385
TOTAL	24110	19183	22077	17548	102498

```
*** N08 ***
                                                                                                   *** N08 ***
                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************
STATE EMISSIONS REPORT
**************************
STATE 22:MASSACHUSETTS                                                RUN DATE:   MONDAY    NOVEMBER 28, 1983
                                                         AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                        POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                               PARTICULATES        SOX            NOX            VOC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL               31             86              9             31            279
          DISTILLATE OIL               994          11446           7154            279           1988
          NATURAL GAS                  150             29           4998            265           1000
          WOOD                       20616            217           1628          42804         127217
          TOTAL (RESIDENTIAL)        21791          11776          13789          43379         130484
       ELEC GENERATION (POINT)

          BITUMINOUS COAL             1543          20896           8775             30            312
          RESIDUAL OIL                5874         248743          58976            666           4327
          DISTILLATE OIL                 5            111             62              0             13
          NATURAL GAS                    8              3           2473              7            126
          TOTAL (ELEC GEN)            7430         269753          70286            703           4778
       INDUSTRIAL FUEL

          BITUMINOUS COAL
              AREA SOURCES             192           1871            465              1             61
              POINT SOURCES             27            241             84              1              3
          RESIDUAL OIL
              POINT SOURCES           2011          27156           7670          17886            720
          DISTILLATE OIL
              AREA SOURCES              89            887            999             34            236
              POINT SOURCES             34            586            198           3568             33
          NATURAL GAS
              AREA SOURCES               8              1            746            111             81
              POINT SOURCES             38              7           4155           7151            392
          PROCESS GAS
              POINT SOURCES              1              0             13              0              1
          COKE
              AREA SOURCES              43            108             28              1             14
          WOOD
              POINT SOURCES            128             17            111            206             32
          LIQUID PETROL GAS
              POINT SOURCES              0              0              1              0              0
          OTHER
              POINT SOURCES              1              6             17            335              3
          TOTAL (INDUSTRIAL)
              AREA SOURCES             332           2867           2238            147            392
              POINT SOURCES           2240          28013          12249          29147           1184
       COMM-INSTITUTIONAL FUEL
```

TOTAL (COMM-INST)					
AREA SOURCES	128	930	647	18	111
POINT SOURCES	30	394	151	3	16
TOTAL (EXTERNAL COMB)					
AREA SOURCES	6542	2905	2977	13028	38963
POINT SOURCES	395	4556	1573	6699	154
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	3	3	45	3	10
TOTAL (ELEC GEN)	3	3	45	3	10
TOTAL (INTERNAL COMB)	3	3	45	3	10
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	6542	2905	2977	13028	38963
POINT SOURCES	398	4559	1618	6702	164
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	3	0	0	118	0
PRIMARY METAL	60	0	0	0	0
SECONDARY METALS	66	0	0	0	554
MINERAL PRODUCTS	77	95	255	147	16
WOOD PRODUCTS	116	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	3	1534	0
METAL FABRICATION	4	0	0	0	0
TEXTILE MANUFACTURING	16	0	0	203	0
OTHER/NOT CLASSIFIED	457	0	137	684	9
TOTAL (INDUSTRIAL)	777	95	395	2686	579
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	118	5	8	1	0
TOTAL (GOVERNMENT)	118	5	8	1	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	726	11	23	2042	6125
OPEN BURNING	292	11	75	394	1251
TOTAL (RESIDENTIAL)	1018	22	98	2436	7376
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	97	31	46	56	133
POINT SOURCES	8	1	2	0	3
TOTAL (COMM-INST)					
AREA SOURCES	97	31	46	56	133
POINT SOURCES	8	1	2	0	3
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	11	2	2	10	14
POINT SOURCES	66	23	28	28	94
OPEN BURNING					
AREA SOURCES	2	0	1	4	15

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*** N10 ***
                                                                                                   *** N10 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************
                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE EMISSIONS REPORT
****************************                                               RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE 23:MICHIGAN                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              0              2              0              0              8
         BITUMINOUS COAL            136            274             18             90            819
         DISTILLATE OIL             425           4907           3062            115            850
         NATURAL GAS                559            107          18786            999           3755
         WOOD                     41598            461           3293          86359         256686
         TOTAL (RESIDENTIAL)      42718           5731          25159          87563         262118
      ELEC GENERATION (POINT)

         BITUMINOUS COAL         116959         596372         268135           1882           8052
         RESIDUAL OIL              2488          15206           9169            306            755
         DISTILLATE OIL              45            316            263             13             57
         NATURAL GAS                636           1865          13109            177            630
         TOTAL (ELEC GEN)        120128         613759         270676           2378           9494
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES         21615          99144          33599           1063           2363
         RESIDUAL OIL
            POINT SOURCES          1111          14677           6584            137            261
         DISTILLATE OIL
            POINT SOURCES           326           1317           1251             74            108
         NATURAL GAS
            AREA SOURCES             66              9          24826           8898           3259
            POINT SOURCES           337            396          22589            419            998
         PROCESS GAS
            POINT SOURCES            64           1782            842              8            144
         WOOD
            POINT SOURCES           302             75            587            281            226
         TOTAL (INDUSTRIAL)
            AREA SOURCES             66              9          24826           8898           3259
            POINT SOURCES         23755         117391          65452           1982           4100
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             50            186             62              0              2
         BITUMINOUS COAL
            AREA SOURCES            425           1540            518             19            302
            POINT SOURCES            72             96             44             13             44
         RESIDUAL OIL
```

```
                AREA SOURCES              63         918         638           9         159
           NATURAL GAS
                AREA SOURCES             134          26        4454         236         891
                POINT SOURCES              3           0         221           3           8
           TOTAL (COMM-INST)
                AREA SOURCES             483        2066        5495         259        1220
                POINT SOURCES             13          72         245           5          10

      TOTAL (EXTERNAL COMB)
                AREA SOURCES            2697        3036       25856        8203       15909
                POINT SOURCES          73289      125631      104708        1474        4943

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

           DISTILLATE OIL                110         429        1228           4          12
           NATURAL GAS                    27           7         813          11         106
           TOTAL (ELEC GEN)              137         436        2041          15         118

      TOTAL (INTERNAL COMB)              137         436        2041          15         118

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES            2697        3036       25856        8203       15909
                POINT SOURCES          73426      126067      106749        1489        5061
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                64        1892           0        2802           0
    FOOD/AGRICULTURAL                     63           0           0           0           0
    PRIMARY METAL                      12007        3062         660       11095       39660
    SECONDARY METALS                    1469        4016          85        1993        8901
    MINERAL PRODUCTS                    5099        1908        2268         126          93
    PETROLEUM INDUSTRY                   248        3931         332        7281          57
    ORGANIC SOLVENT EVAPORATION          382           0           0       79764           0
    PETROLEUM STORAGE/TRANSPORT            0           0           0        5345           0
    METAL FABRICATION                     71           0           0          53           0
    OTHER/NOT CLASSIFIED                1391        1280           0          84           0
    TOTAL (INDUSTRIAL)                 20774       16089        3345      108543       48711
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          1105         278         290        1669        2224
        OTHER INCINERATION               515          66         395          83           0
        TOTAL (GOVERNMENT)              1620         344         685        1752        2224
    RESIDENTIAL (AREA)

        ON SITE INCINERATION            3640          57         113       10237       30710
        OPEN BURNING                    5601         209        1433        7555       23966
        TOTAL (RESIDENTIAL)             9241         266        1546       17792       54676
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             725         228         343         419         993
                POINT SOURCES           1775         107        4951        1063        1252
        OPEN BURNING
                AREA SOURCES              16           1           6          33          89
        TOTAL (COMM-INST)
                AREA SOURCES             741         229         349         452        1082
```

```
*** N12 ***
SELECT CARD = <24                                                                          *** N12 ***
                                                                      25>
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```
                AREA SOURCES                7          109           77            0           18
                POINT SOURCES               0            6            1            0            0
            NATURAL GAS
                AREA SOURCES                3            1          155            8           32
                POINT SOURCES               0            0          146            1           13
            WOOD
                POINT SOURCES              26            0            2            5           12
            TOTAL (COMM-INST)
                AREA SOURCES               10          110          232            8           50
                POINT SOURCES             138          657          309            6           30

         TOTAL (EXTERNAL COMB)
                AREA SOURCES             5581          832         2270        11758        34276
                POINT SOURCES            3018        53370        47301          362         2648

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  1            1           20            1            4
            TOTAL (ELEC GEN)                1            1           20            1            4

        INDUSTRIAL FUEL

            DISTILLATE OIL                  2            2           26            2            6
            NATURAL GAS                    22            0          488           12          195
            DIESEL FUEL                    18            6          275            7           72
            OTHER                           1           11           19            1            6
            TOTAL (INDUSTRIAL)             43           17          808           22          277

        TOTAL (INTERNAL COMB)              44           18          828           23          281

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES             5581          832         2270        11758        34276
                POINT SOURCES            3062        53388        48129          385         2929
INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                    155            0            0            0            0
     PRIMARY METAL                      39642         5325            0            0            0
     MINERAL PRODUCTS                     400            4            2            6            2
     PETROLEUM INDUSTRY                    45         1330          788          236        16743
     WOOD PRODUCTS                       1870           18            0            0            0
     ORGANIC SOLVENT EVAPORATION            0            0            0         1579            0
     PETROLEUM STORAGE/TRANSPORT            0            0            0         1658            0
     TOTAL (INDUSTRIAL)                 42112         6677          790         3477        16745
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION              100            0            3          277          836
        OPEN BURNING                      752           28          192         1016         3220
        TOTAL (RESIDENTIAL)               852           28          195         1293         4056
     COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                6            0            1            9           21
        TOTAL (COMM-INST)
                AREA SOURCES                6            0            1            9           21
     INDUSTRIAL
```

```
SELECT CARD = <24    133                                              65>
```

```
*** N15 ***
    TOTAL                          7688          653          5886          4910          20048  *** N15 ***
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:26 MISSOURI AQCR:070 METROPOLITAN ST. LOUIS

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	1	8	0	59	8
DISTILLATE OIL	38	434	271	88	75
NATURAL GAS	86	17	2888	251	577
WOOD	879	10	69	80	5429
TOTAL (RESIDENTIAL)	1004	469	3228	478	6089
ELEC GENERATION (POINT)					
BITUMINOUS COAL	7509	404519	142590	545	3689
RESIDUAL OIL	0	104	25	0	2
DISTILLATE OIL	0	131	69	0	15
NATURAL GAS	0	0	22	0	3
TOTAL (ELEC GEN)	7509	404754	142706	545	3709
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	1717	14515	2674	52	345
POINT SOURCES	549	4983	457	17	297
RESIDUAL OIL					
AREA SOURCES	0	0	0	23	0
POINT SOURCES	255	906	160	4	59
DISTILLATE OIL					
AREA SOURCES	23	234	263	8	63
POINT SOURCES	2	3	5	2	2
NATURAL GAS					
POINT SOURCES	3	8	561	4	43
PROCESS GAS					
POINT SOURCES	0	0	52	1	12
OTHER					
POINT SOURCES	0	0	1	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	1740	14749	2937	83	408
POINT SOURCES	809	5900	1236	28	413
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	158	868	107	11	64
POINT SOURCES	207	282	49	0	17
RESIDUAL OIL					
AREA SOURCES	41	512	118	18	10
DISTILLATE OIL					

```
*** N17 ***                                                                                                        *** N17 ***

SELECT CARD = <26     139                                                              45>
STATE 26 COUNTY 0250 NOT FOUND IN POINT FILE
STATE 26 COUNTY 0860 NOT FOUND IN POINT FILE
STATE 26 COUNTY 1260 NOT FOUND IN POINT FILE
STATE 26 COUNTY 1620 NOT FOUND IN POINT FILE
STATE 26 COUNTY 2340 NOT FOUND IN POINT FILE
STATE 26 COUNTY 2540 NOT FOUND IN POINT FILE
STATE 26 COUNTY 2780 NOT FOUND IN POINT FILE
STATE 26 COUNTY 3200 NOT FOUND IN POINT FILE
STATE 26 COUNTY 3780 NOT FOUND IN POINT FILE
STATE 26 COUNTY 4200 NOT FOUND IN POINT FILE
STATE 26 COUNTY 4620 NOT FOUND IN POINT FILE
STATE 26 COUNTY 5160 NOT FOUND IN POINT FILE
```

```
A01...STATE:17 KANSAS           AQCR:099
B01...STATE:17 KANSAS           AQCR:100
C01...STATE:17 KANSAS           AQCR:100
D01...STATE:17 KANSAS           AQCR:100
E01...STATE:17 KANSAS           AQCR:100
F01...STATE 18:KENTUCKY
G01...STATE 18:KENTUCKY
H01...STATE 18:KENTUCKY
I01...STATE 18:KENTUCKY
J01...STATE 18:KENTUCKY
K01...STATE:18 KENTUCKY         AQCR:072
L01...STATE:18 KENTUCKY         AQCR:072
M01...STATE:18 KENTUCKY         AQCR:072
N01...STATE:18 KENTUCKY         AQCR:072
O01...STATE:18 KENTUCKY         AQCR:077
A02...STATE:18 KENTUCKY         AQCR:077
B02...STATE:18 KENTUCKY         AQCR:077
C02...STATE:18 KENTUCKY         AQCR:077
D02...STATE:18 KENTUCKY         AQCR:078
E02...STATE:18 KENTUCKY         AQCR:078
F02...STATE:18 KENTUCKY         AQCR:078
G02...STATE:18 KENTUCKY         AQCR:078
H02...STATE:18 KENTUCKY         AQCR:078
I02...STATE:18 KENTUCKY         AQCR:079
J02...STATE:18 KENTUCKY         AQCR:079
K02...STATE:18 KENTUCKY         AQCR:079
L02...STATE:18 KENTUCKY         AQCR:079
M02...STATE:18 KENTUCKY         AQCR:101
N02...STATE:18 KENTUCKY         AQCR:101
O02...STATE:18 KENTUCKY         AQCR:101
A03...STATE:18 KENTUCKY         AQCR:101
B03...STATE:18 KENTUCKY         AQCR:102
C03...STATE:18 KENTUCKY         AQCR:102
D03...STATE:18 KENTUCKY         AQCR:102
E03...STATE:18 KENTUCKY         AQCR:102
F03...STATE:18 KENTUCKY         AQCR:103
G03...STATE:18 KENTUCKY         AQCR:103
H03...STATE:18 KENTUCKY         AQCR:103
I03...STATE:18 KENTUCKY         AQCR:103
J03...STATE:18 KENTUCKY         AQCR:104
K03...STATE:18 KENTUCKY         AQCR:104
L03...STATE:18 KENTUCKY         AQCR:104
M03...STATE:18 KENTUCKY         AQCR:104
N03...STATE:18 KENTUCKY         AQCR:105
O03...STATE:18 KENTUCKY         AQCR:105

A04...STATE:18 KENTUCKY         AQCR:105
B04...STATE:18 KENTUCKY         AQCR:105
C04...STATE 19:LOUISIANA
D04...STATE 19:LOUISIANA
E04...STATE 19:LOUISIANA
F04...STATE 19:LOUISIANA
G04...STATE 19:LOUISIANA
H04...STATE:19 LOUISIANA        AQCR:019
I04...STATE:19 LOUISIANA        AQCR:019
J04...STATE:19 LOUISIANA        AQCR:019
K04...STATE:19 LOUISIANA        AQCR:019
L04...STATE:19 LOUISIANA        AQCR:022
M04...STATE:19 LOUISIANA        AQCR:022
N04...STATE:19 LOUISIANA        AQCR:022
O04...STATE:19 LOUISIANA        AQCR:022
A05...STATE:19 LOUISIANA        AQCR:106
B05...STATE:19 LOUISIANA        AQCR:106
C05...STATE:19 LOUISIANA        AQCR:106
D05...STATE:19 LOUISIANA        AQCR:106
E05...STATE:19 LOUISIANA        AQCR:106
F05...STATE 20:MAINE
G05...STATE 20:MAINE
H05...STATE 20:MAINE
I05...STATE 20:MAINE
J05...STATE 20:MAINE
K05...STATE:20 MAINE            AQCR:107
L05...STATE:20 MAINE            AQCR:107
M05...STATE:20 MAINE            AQCR:107
N05...STATE:20 MAINE            AQCR:107
O05...STATE:20 MAINE            AQCR:108
A06...STATE:20 MAINE            AQCR:108
B06...STATE:20 MAINE            AQCR:108
C06...STATE:20 MAINE            AQCR:108
D06...STATE:20 MAINE            AQCR:109
E06...STATE:20 MAINE            AQCR:109
F06...STATE:20 MAINE            AQCR:109
G06...STATE:20 MAINE            AQCR:109
H06...STATE:20 MAINE            AQCR:110
I06...STATE:20 MAINE            AQCR:110
J06...STATE:20 MAINE            AQCR:110
K06...STATE:20 MAINE            AQCR:110
L06...STATE:20 MAINE            AQCR:111
M06...STATE:20 MAINE            AQCR:111
N06...STATE 21:MARYLAND
O06...STATE 21:MARYLAND

A07...STATE 21:MARYLAND
B07...STATE 21:MARYLAND
C07...STATE 21:MARYLAND
D07...STATE:21 MARYLAND         AQCR:047
E07...STATE:21 MARYLAND         AQCR:047
F07...STATE:21 MARYLAND         AQCR:047
G07...STATE:21 MARYLAND         AQCR:047
H07...STATE:21 MARYLAND         AQCR:112
I07...STATE:21 MARYLAND         AQCR:112
J07...STATE:21 MARYLAND         AQCR:112
K07...STATE:21 MARYLAND         AQCR:112
L07...STATE:21 MARYLAND         AQCR:113
M07...STATE:21 MARYLAND         AQCR:113
N07...STATE:21 MARYLAND         AQCR:113
O07...STATE:21 MARYLAND         AQCR:113
A08...STATE:21 MARYLAND         AQCR:114
B08...STATE:21 MARYLAND         AQCR:114
C08...STATE:21 MARYLAND         AQCR:114
D08...STATE:21 MARYLAND         AQCR:114
E08...STATE:21 MARYLAND         AQCR:115
F08...STATE:21 MARYLAND         AQCR:115
G08...STATE:21 MARYLAND         AQCR:115
H08...STATE:21 MARYLAND         AQCR:115
I08...STATE:21 MARYLAND         AQCR:115
J08...STATE:21 MARYLAND         AQCR:116
K08...STATE:21 MARYLAND         AQCR:116
L08...STATE:21 MARYLAND         AQCR:116
M08...STATE:21 MARYLAND         AQCR:116
N08...STATE 22:MASSACHUSETTS
O08...STATE 22:MASSACHUSETTS
A09...STATE 22:MASSACHUSETTS
B09...STATE 22:MASSACHUSETTS
C09...STATE 22:MASSACHUSETTS
D09...STATE:22 MASSACHUSETTS    AQCR:042
E09...STATE:22 MASSACHUSETTS    AQCR:042
F09...STATE:22 MASSACHUSETTS    AQCR:042
G09...STATE:22 MASSACHUSETTS    AQCR:042
H09...STATE:22 MASSACHUSETTS    AQCR:042
I09...STATE:22 MASSACHUSETTS    AQCR:117
J09...STATE:22 MASSACHUSETTS    AQCR:117
K09...STATE:22 MASSACHUSETTS    AQCR:117
L09...STATE:22 MASSACHUSETTS    AQCR:117
M09...STATE:22 MASSACHUSETTS    AQCR:118
N09...STATE:22 MASSACHUSETTS    AQCR:118
O09...STATE:22 MASSACHUSETTS    AQCR:118

FICHE/SEGMT    4    4 CKPT:    1, 1774,    96,    2,  126
```

```
                                                                                         *** 001 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
                                    **********************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                    ***********************************
STATE/AQCR EMISSIONS REPORT
*****************************                                   RUN DATE:        MONDAY   NOVEMBER 28, 1983
STATE:18 KENTUCKY        AQCR:077 EVANSVILLE-OWENSBORO-HENDERSON       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               2              8              0              2             23
         BITUMINOUS COAL              66            250             13             45            403
         DISTILLATE OIL                0              9              5              0              0
         NATURAL GAS                   9              1            259             16             52
         WOOD                        287              2             22            597           1771
         TOTAL (RESIDENTIAL)         364            270            299            658           2249
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            7326         195439          49351             71           1565
         RESIDUAL OIL                  0              6              7              0              0
         DISTILLATE OIL                0              5              0              0              2
         TOTAL (ELEC GEN)           7326         195450          49358             71           1567
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             236           1781            493              2             64
            POINT SOURCES              1             10              2              0              0
         RESIDUAL OIL
            AREA SOURCES               2             18              4              0              0
            POINT SOURCES             11            154             71              0              6
         DISTILLATE OIL
            AREA SOURCES              12            120            137              3             32
            POINT SOURCES              1             29             10              0              2
         NATURAL GAS
            AREA SOURCES               0              0             56             22              8
            POINT SOURCES              1              0             84              1             16
         WOOD
            POINT SOURCES              0              0              1              1              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES             250           1919            690             27            104
            POINT SOURCES             14            193            168              2             27
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               8             29             10              0              0
         BITUMINOUS COAL
            AREA SOURCES              59            287             54              1             32
            POINT SOURCES              5            588             60              2             40
         RESIDUAL OIL
```

```
*** 002 ***                                                                                    *** 002 ***
         TOTAL (GASOLINE)                5650        576       13071       11011      100978
      DIESEL

         HEAVY DUTY VEHICLES             1935       1198       10603         996        2949
         OFF HIGHWAY                      130        100        1213         184         368
         RAIL                             255        574        3723         902        1311
         TOTAL (DIESEL)                  2320       1872       15539        2082        4628
   AIRCRAFT

      CIVIL                                 0          0           7          27         557
      TOTAL (AIRCRAFT)                      0          0           7          27         557
   VESSELS

      GASOLINE                              0          0           1          40         144
      TOTAL (VESSELS)                       0          0           1          40         144
   TOTAL (TRANSPORTATION)                7970       2448       28618       13160      106307
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     12186        105        2867       13761      100354
   STRUCTURAL FIRES                       122          0          10          91         496
   GASOLINE STA EVAP LOSS                   0          0           0        2163           0
   SOLVENT EVAPORATION LOSS                 0          0           0        4227           0
   UNPAVED ROADS                        41666          0           0           0           0
   UNPAVED AIRSTRIPS                       35          0           0           0           0
   TOTAL (MISCELLANEOUS)                54009        105        2877       20242      100850
GRAND TOTAL
***********

   AREA SOURCES                         64886       9223       33077       36456      221696

   POINT SOURCES                        12338        755         590        3107        1620

   TOTAL                                77224       9978       33667       39563      223316
```

```
*** 003 ***                                                                                    *** 003 ***
              POINT SOURCES            0            6            4            0            0
         DISTILLATE OIL
              AREA SOURCES             1           40           29            0            5
              POINT SOURCES            0            1            1            0            0
         NATURAL GAS
              POINT SOURCES            0            0            4            0            1
         TOTAL (COMM-INST)
              AREA SOURCES            93          569          138            1           47
              POINT SOURCES            4          305           40            0           12

      TOTAL (EXTERNAL COMB)
              AREA SOURCES         17250         5702         3260        34276       102660
              POINT SOURCES         6009        20500         8000           33          298

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

          NATURAL GAS                 13            1         3863           94          499
          TOTAL (INDUSTRIAL)          13            1         3863           94          499

      TOTAL (INTERNAL COMB)           13            1         3863           94          499

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES         17250         5702         3260        34276       102660
              POINT SOURCES         6022        20501        11863          127          797
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              0            0           30            1            0
   FOOD/AGRICULTURAL                   8            3            0            0            0
   SECONDARY METALS                    2            0            0            0            0
   MINERAL PRODUCTS                 5528          190           34           16           13
   PETROLEUM INDUSTRY                  0            0            6            7            0
   WOOD PRODUCTS                      23            0            0            0            0
   ORGANIC SOLVENT EVAPORATION         0            0            0        17022            0
   PETROLEUM STORAGE/TRANSPORT         0            0            0           31            0
   OTHER/NOT CLASSIFIED                0            0            0            3            0
   TOTAL (INDUSTRIAL)               5561          193           70        17080           13
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OTHER INCINERATION               1            0            0            0            0
      TOTAL (GOVERNMENT)               1            0            0            0            0

   RESIDENTIAL (AREA)

      ON SITE INCINERATION            18            0            0           46          155
      OPEN BURNING                   709           27          181          959         3038
      TOTAL (RESIDENTIAL)            727           27          181         1005         3193

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES             7            1            3            6           17
              POINT SOURCES            0            1            1            0            1
      TOTAL (COMM-INST)
              AREA SOURCES             7            1            3            6           17
              POINT SOURCES            0            1            1            0            1

   INDUSTRIAL
```

SELECT CARD = <19   106   45>

```
*** 005 ***
                                                                                                      *** 005 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                               RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:20 MAINE          AQCR:108 AROOSTOOK                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                           POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES       SOX            NOX            VOC            CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             0             1              0              0              4
         DISTILLATE OIL             26           296            185              7             51
         NATURAL GAS                 0             0             10              1              2
         WOOD                     2119            22            167           4399          13073
         TOTAL (RESIDENTIAL)      2145           319            362           4407          13130
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             0             2              1              0              0
         BITUMINOUS COAL
            AREA SOURCES            43           473            118              0             15
         RESIDUAL OIL
            POINT SOURCES          332          5397            782              4             71
         DISTILLATE OIL
            AREA SOURCES             1            12             14              0              3
         NATURAL GAS
            AREA SOURCES             0             0              7              0              2
         COKE
            AREA SOURCES             1             1              0              0              0
         WOOD
            POINT SOURCES           81             1             17             19             45
         OTHER
            POINT SOURCES            0             1              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES            45           488            140              0             20
            POINT SOURCES          413          5399            799             23            116
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             9            29             10              0              1
         BITUMINOUS COAL
            POINT SOURCES           74           532            221              1              6
         RESIDUAL OIL
            POINT SOURCES           23           310             72              1              7
         DISTILLATE OIL
            AREA SOURCES             4            52             36              1              9
            POINT SOURCES            1           174             71              1             18
         NATURAL GAS
            AREA SOURCES             0             0              3              0              1
```

ANTHRACITE COAL					
AREA SOURCES	47	159	55	0	2
POINT SOURCES	5	70	14	0	1
BITUMINOUS COAL					
POINT SOURCES	132	337	99	4	21
RESIDUAL OIL					
POINT SOURCES	316	5593	2092	41	185
DISTILLATE OIL					
AREA SOURCES	11	178	128	0	30
POINT SOURCES	90	1184	762	16	177
NATURAL GAS					
AREA SOURCES	29	4	1052	53	211
POINT SOURCES	17	3	1933	12	208
TOTAL (COMM-INST)					
AREA SOURCES	87	341	1235	53	243
POINT SOURCES	560	7187	4900	73	592
TOTAL (EXTERNAL COMB)					
AREA SOURCES	21564	6377	16096	45120	131510
POINT SOURCES	11136	229516	104290	1501	5728
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	51	287	629	52	165
NATURAL GAS	37	2	1074	32	300
TOTAL (ELEC GEN)	88	289	1703	84	445
INDUSTRIAL FUEL					
DISTILLATE OIL	26	22	330	26	72
NATURAL GAS	14	1	303	7	121
TOTAL (INDUSTRIAL)	38	23	633	33	193
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	63	58	879	60	191
TOTAL (INTERNAL COMB)	189	370	3215	177	829
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	21564	6377	16096	45120	131510
POINT SOURCES	11325	229886	107505	1678	6557
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1933	2483	1248	2627	79
FOOD/AGRICULTURAL	562	8	13	50	0
PRIMARY METAL	1151	8410	4	0	51824
SECONDARY METALS	11	18	13	208	498
MINERAL PRODUCTS	5425	1551	3865	149	254
PETROLEUM INDUSTRY	1596	20922	2967	293	268
WOOD PRODUCTS	269	603	98	13	3040
ORGANIC SOLVENT EVAPORATION	85	0	31	27717	0
PETROLEUM STORAGE/TRANSPORT	4	0	100	6988	0
METAL FABRICATION	15	1	0	583	0
OTHER/NOT CLASSIFIED	112	104	5	268	0
TOTAL (INDUSTRIAL)	11163	34100	8344	38896	55963
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					

```
SELECT CARD = <21    116                                                                 45>
STATE 21 COUNTY 0340 NOT FOUND IN POINT FILE
STATE 21 COUNTY 1320 NOT FOUND IN POINT FILE
```

ANTHRACITE COAL					
AREA SOURCES	366	1212	434	2	26
BITUMINOUS COAL					
POINT SOURCES	320	780	150	1	120
RESIDUAL OIL					
AREA SOURCES	788	5997	2306	47	208
POINT SOURCES	320	4247	1481	188	136
DISTILLATE OIL					
AREA SOURCES	231	3339	2318	36	580
POINT SOURCES	25	1074	368	35	37
NATURAL GAS					
AREA SOURCES	72	13	2357	126	471
POINT SOURCES	4	0	248	4	46
OTHER					
POINT SOURCES	0	0	1	0	0
TOTAL (COMM-INST)					
AREA SOURCES	1457	10561	7415	209	1285
POINT SOURCES	669	6101	2248	228	339
TOTAL (EXTERNAL COMB)					
AREA SOURCES	23580	25204	23442	43735	132161
POINT SOURCES	10339	303867	84783	30078	6301
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	39	142	533	37	119
NATURAL GAS	1	0	20	1	6
OTHER	1	1	12	1	3
TOTAL (ELEC GEN)	41	143	565	39	128
INDUSTRIAL FUEL					
DISTILLATE OIL	0	3	2	0	0
TOTAL (INDUSTRIAL)	0	3	2	0	0
TOTAL (INTERNAL COMB)	41	146	567	39	128
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	23580	25204	23442	43735	132161
POINT SOURCES	10380	304013	85350	30117	6429
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	341	0	1	2798	11
FOOD/AGRICULTURAL	5	0	0	1	5
PRIMARY METAL	60	0	0	0	0
SECONDARY METALS	1199	22	3	0	2258
MINERAL PRODUCTS	480	335	496	150	37
PETROLEUM INDUSTRY	0	0	2	0	1
WOOD PRODUCTS	118	0	0	0	0
ORGANIC SOLVENT EVAPORATION	648	0	3	50268	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	10552	0
METAL FABRICATION	18	0	0	93	0
TEXTILE MANUFACTURING	36	0	0	1791	0
OTHER/NOT CLASSIFIED	504	81	215	5840	22
TOTAL (INDUSTRIAL)	3409	438	720	71493	2334
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					

TOTAL (INDUSTRIAL)					
AREA SOURCES	13	2	3	14	29
POINT SOURCES	66	23	28	28	94
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1128	55	147	2506	7538
POINT SOURCES	192	29	38	29	97
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12869	470	10433	13561	141748
LIGHT DUTY TRUCKS	2047	102	2098	2680	24787
HEAVY DUTY VEHICLES	522	42	1303	1649	25935
OFF HIGHWAY	40	22	449	1195	15103
TOTAL (GASOLINE)	15478	636	14283	19085	207573
DIESEL					
HEAVY DUTY VEHICLES	1303	553	5054	706	2175
OFF HIGHWAY	32	25	304	46	92
RAIL	9	19	126	31	44
TOTAL (DIESEL)	1344	597	5484	783	2311
AIRCRAFT					
MILITARY	89	6	46	105	217
CIVIL	1	1	6	18	368
COMMERCIAL	2	4	46	41	127
TOTAL (AIRCRAFT)	92	11	98	164	712
VESSELS					
GASOLINE	0	7	39	863	3077
TOTAL (VESSELS)	0	7	39	863	3077
TOTAL (TRANSPORTATION)	16916	1251	19906	20895	213673
MISCELLANEOUS (AREA)					
*******************					
FOREST WILDFIRES	172	2	41	195	1620
STRUCTURAL FIRES	178	0	17	133	724
GASOLINE STA EVAP LOSS	0	0	0	7702	0
SOLVENT EVAPORATION LOSS	0	0	0	16655	0
UNPAVED ROADS	978	0	0	0	0
UNPAVED AIRSTRIPS	5	0	0	0	0
TOTAL (MISCELLANEOUS)	1333	2	58	24685	2144
GRAND TOTAL					
***********					
AREA SOURCES	25917	4213	23086	61114	262318
POINT SOURCES	1367	4683	2051	9417	840
TOTAL	27284	8896	25137	70531	263158

```
          AREA SOURCES                       61        454        203         2         13
          POINT SOURCES                      62        482        163         9         14
        DISTILLATE OIL
          AREA SOURCES                      128       1924       1343        13        333
          POINT SOURCES                       0          7          4         0          1
        NATURAL GAS
          AREA SOURCES                      257         46       8620       452       1728
          POINT SOURCES                      13          0        460        11         28
        TOTAL (COMM-INST)
          AREA SOURCES                      921       4148      10746       486       2378
          POINT SOURCES                     147        585        671        33         87

     TOTAL (EXTERNAL COMB)
          AREA SOURCES                    43703       9888      60729     96967     267755
          POINT SOURCES                  144030     731735     336799      4393      13681

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                      214        798       2550        27         84
        NATURAL GAS                         130        203       4544        64        448
        TOTAL (ELEC GEN)                    344       1001       7094        91        532

     TOTAL (INTERNAL COMB)                  344       1001       7094        91        532

   TOTAL (FUEL COMBUSTION)

          AREA SOURCES                    43703       9888      60729     96967     267755
          POINT SOURCES                  144374     732736     343893      4484      14213
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   160       3097          0      3257          0
   FOOD/AGRICULTURAL                        773        150          0        36          0
   PRIMARY METAL                          23128      80198        660     11300      39723
   SECONDARY METALS                        3926       5353        243      1993     126218
   MINERAL PRODUCTS                       38535      39689      10190       332        207
   PETROLEUM INDUSTRY                      1127       8624       1011     11362      49814
   WOOD PRODUCTS                            607       1390        263       528       8414
   ORGANIC SOLVENT EVAPORATION              505          0          0    159953          0
   PETROLEUM STORAGE/TRANSPORT                0          0          0     20949          0
   METAL FABRICATION                         71          0          0        99          0
   OTHER/NOT CLASSIFIED                    1637       3157        297      2792      28280
   TOTAL (INDUSTRIAL)                     70469     141458      12664    212601     252656
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION               1153        288        298      1727       2301
      OTHER INCINERATION                    595         89        521       108          0
      TOTAL (GOVERNMENT)                   1748        377        819      1835       2301

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 6703         94        201     18839      56507
      OPEN BURNING                        10302        384       2651     13906      44118
      TOTAL (RESIDENTIAL)                 17005        478       2852     32745     100625

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                 1329        409        634       772
```

```
*** 011 ***
              POINT SOURCES            1775        107       4951       1063       1252   *** 011 ***
    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES               63         13         13         58         86
        OPEN BURNING
              AREA SOURCES               31          1         10         52        185
              POINT SOURCES              31          2         12         59        166
        TOTAL (INDUSTRIAL)
              AREA SOURCES               94         14         23        110        271
              POINT SOURCES              31          2         12         59        166

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES            10076        509       1918      18354      56029
              POINT SOURCES            3426        453       5648       2876       3642
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES         88552       2717      54950      75165     847050
          LIGHT DUTY TRUCKS           14694        619      12442      17194     168448
          HEAVY DUTY VEHICLES          3983        278       8478      12665     196507
          OFF HIGHWAY                   236        126       2621       6974      88176
          TOTAL (GASOLINE)           107465       3740      78491     111998    1300181
       DIESEL

          HEAVY DUTY VEHICLES          7015       2692      24832       3839      11932
          OFF HIGHWAY                   568        446       5360        816       1620
          RAIL                          426        971       6301       1529       2215
          TOTAL (DIESEL)               8009       4109      36493       6184      15767
    AIRCRAFT

       MILITARY                           8          0          5         10         20
       CIVIL                             17         10         73        226       4521
       COMMERCIAL                        56        130       1351       1198       3721
       TOTAL (AIRCRAFT)                  81        140       1429       1434       8262
    VESSELS

       DIESEL FUEL                       16         20        149         37         52
       RESIDUAL OIL                       3         37          6          0          0
       GASOLINE                           0          7         43        935       3333
       TOTAL (VESSELS)                   19         64        198        972       3385

    TOTAL (TRANSPORTATION)           115574       8053     116611     120588    1327595
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      0          0          0          0          6
    STRUCTURAL FIRES                   1009          0         95        755       4107
    GASOLINE STA EVAP LOSS                0          0          0      17053          0
    SOLVENT EVAPORATION LOSS              0          0          0      68458          0
    UNPAVED ROADS                     98984          0          0          0          0
    TOTAL (MISCELLANEOUS)             99993          0         95      86266       4113
GRAND TOTAL
***********
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT

STATE 24:MINNESOTA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	255	2986	1865	68	517
NATURAL GAS	163	23	5427	288	1087
WOOD	27530	296	2180	57157	169856
TOTAL (RESIDENTIAL)	27948	3305	9472	57513	171460
ELEC GENERATION (POINT)					
BITUMINOUS COAL	7596	138802	128931	420	4396
LIGNITE	535	7292	3536	24	832
RESIDUAL OIL	53	730	181	2	13
DISTILLATE OIL	0	18	16	0	3
NATURAL GAS	4	0	1418	3	105
OTHER	1	0	3	3	8
TOTAL (ELEC GEN)	8189	146842	134085	452	5357
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	69	614	124	0	12
POINT SOURCES	1015	16719	5359	20	601
LIGNITE					
POINT SOURCES	3199	5359	1866	20	1150
RESIDUAL OIL					
POINT SOURCES	553	7705	1559	7	144
DISTILLATE OIL					
AREA SOURCES	49	571	644	16	145
POINT SOURCES	6	237	61	0	15
NATURAL GAS					
AREA SOURCES	73	11	17249	5408	2177
POINT SOURCES	33	5	5103	33	548
PROCESS GAS					
POINT SOURCES	4	546	209	4	52
WOOD					
POINT SOURCES	1171	18	223	254	594
LIQUID PETROL GAS					
POINT SOURCES	0	3	16	0	3
OTHER					
POINT SOURCES	2	14	31	1	7
TOTAL (INDUSTRIAL)					
AREA SOURCES	191	1196	18017	5424	2334
POINT SOURCES	5983	30606	14427	339	3114
COMM-INSTITUTIONAL FUEL					

ON SITE INCINERATION					
POINT SOURCES	115	1	17	182	2142
TOTAL (INDUSTRIAL)					
POINT SOURCES	115	1	17	182	2142
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	856	28	196	1302	4077
POINT SOURCES	115	1	17	182	2142
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5986	221	5028	6692	70153
LIGHT DUTY TRUCKS	2656	137	2963	3858	35593
HEAVY DUTY VEHICLES	342	29	905	1125	17632
OFF HIGHWAY	31	18	358	954	12066
TOTAL (GASOLINE)	9015	405	9254	12629	135444
DIESEL					
HEAVY DUTY VEHICLES	765	337	3065	412	1269
OFF HIGHWAY	205	161	1932	294	585
RAIL	69	151	983	239	346
TOTAL (DIESEL)	1039	649	5980	945	2200
AIRCRAFT					
MILITARY	106	7	54	126	256
CIVIL	3	0	15	47	961
COMMERCIAL	2	4	40	35	110
TOTAL (AIRCRAFT)	111	11	109	206	1327
VESSELS					
DIESEL FUEL	107	133	995	249	348
RESIDUAL OIL	34	446	73	4	2
GASOLINE	0	37	212	4651	16581
TOTAL (VESSELS)	141	614	1280	4904	16931
TOTAL (TRANSPORTATION)	10306	1679	16623	18684	155902
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	3078	27	724	3478	25354
STRUCTURAL FIRES	94	0	8	71	383
GASOLINE STA EVAP LOSS	0	0	0	1830	0
SOLVENT EVAPORATION LOSS	0	0	0	2797	0
UNPAVED ROADS	52616	0	0	0	0
TOTAL (MISCELLANEOUS)	55788	27	732	8176	25737
GRAND TOTAL					
***********					
AREA SOURCES	72531	2566	19821	39920	219992
POINT SOURCES	45289	60066	48936	4044	21816
TOTAL	117820	62632	68757	43964	241808

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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:24 MINNESOTA       AQCR:133 SOUTHWEST MINNESOTA                 AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                34             406             255               9              71
         NATURAL GAS                    8               0             311              18              63
         WOOD                        1102              14              89            2288            6792
         TOTAL (RESIDENTIAL)         1144             420             655            2315            6926

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              364             983             639               2             148
         LIGNITE                        9             899             246               3             205
         NATURAL GAS                    0               0              85               0               6
         TOTAL (ELEC GEN)             373            1882             770               5             359

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                5              55               8               0               1
         LIGNITE
            POINT SOURCES              24            1119             533               5              40
         RESIDUAL OIl
            POINT SOURCES              34             444              76               0               7
         DISTILLATE OIL
            AREA SOURCES                2              37              61               0               6
            POINT SOURCES               1              71              21               0               5
         NATURAL GAS
            AREA SOURCES                5               1            1588             498             199
            POINT SOURCES               0               0             118               0              16
         WOOD
            POINT SOURCES              22               0               6               4              10
         LIQUID PETROL GAS
            POINT SOURCES               0               0               2               0               0
         OTHER
            POINT SOURCES               0               0               1               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               12              93            1637             498             206
            POINT SOURCES              81            1634             755               9              78

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES               1              16               2               0               0
         DISTILLATE OIL
            AREA SOURCES                2              74              53               0              13
         NATURAL GAS
```

```
SELECT CARD = <25     134                                                                    65>
STATE 25 COUNTY 1180 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1220 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2460 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2580 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2660 NOT FOUND IN POINT FILE
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```
*** 016 ***
               AREA SOURCES             30          422          292           56           73     *** 016 ***
          NATURAL GAS
               AREA SOURCES             39            7         1301           98          260
               POINT SOURCES             8            0          254            4           21
          TOTAL (COMM-INST)
               AREA SOURCES            268         1809         1818          183          407
               POINT SOURCES           215          282          303            4           38

      TOTAL (EXTERNAL COMB)
               AREA SOURCES           3012        17027         7983          744         6904
               POINT SOURCES          8533       410936       144245          577         4160
   TOTAL (FUEL COMBUSTION)

               AREA SOURCES           3012        17027         7983          744         6904
               POINT SOURCES          8533       410936       144245          577         4160
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            3938         3068            0          477            0
    PRIMARY METAL                      459        26950            0            0            0
    SECONDARY METALS                     2           16           11            1          291
    MINERAL PRODUCTS                 29358         1365         2041            3            3
    WOOD PRODUCTS                        9            0            0          376            0
    ORGANIC SOLVENT EVAPORATION         10            0            1        53689            0
    PETROLEUM STORAGE/TRANSPORT          0            0            0         2975            0
    METAL FABRICATION                    5            0            0            0            0
    OTHER/NOT CLASSIFIED                 1         2792            4            1            2
    TOTAL (INDUSTRIAL)               33782        34191         2057        57522          296
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION          498          539          428          324         7532
       TOTAL (GOVERNMENT)              498          539          428          324         7532
   RESIDENTIAL (AREA)

       ON SITE INCINERATION            278            6            9          781         2344
       OPEN BURNING                    984           37          251         1327         4208
       TOTAL (RESIDENTIAL)            1262           41          260         2108         6552
   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES            107           34           51           62          146
               POINT SOURCES             4            1            2            2            5
       OPEN BURNING
               AREA SOURCES              2            0            0            6            8
       TOTAL (COMM-INST)
               AREA SOURCES            109           34           51           66          154
               POINT SOURCES             4            1            2            2            5
   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES            108           22           22           98          146
       OPEN BURNING
               AREA SOURCES              4            0            2            7           25
       TOTAL (INDUSTRIAL)
               AREA SOURCES            112           22           24          105          171
  TOTAL (SOLID WASTE DISP)
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                             RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:26 MISSOURI       AQCR:139 SOUTHWEST MISSOURI          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                1               6               0               0               6
         DISTILLATE OIL                 5              94              56               0              12
         NATURAL GAS                   32               3            1182              62             236
         WOOD                       18950             199            1500           39341          116918
         TOTAL (RESIDENTIAL)        18988             300            2736           39403          117170
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            28968          235715           33753             392            1631
         DISTILLATE OIL                 0              20              13               1               5
         NATURAL GAS                    0               0             102               0               7
         TOTAL (ELEC GEN)           28968          235735           33868             393            1643
      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES            507            4293             791               2             100
         RESIDUAL OIL
              POINT SOURCES            95             919             328              52              33
         DISTILLATE OIL
              AREA SOURCES             12              88             102               2              27
              POINT SOURCES             4              13              18               0               3
         NATURAL GAS
              POINT SOURCES             8               3              54              26              11
         TOTAL (INDUSTRIAL)
              AREA SOURCES            519            4381             893               4             127
              POINT SOURCES           107             935             400              76              47
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
              AREA SOURCES             42             239              27               0              12
         RESIDUAL OIL
              AREA SOURCES              6             131              32               0               1
              POINT SOURCES             6              92              13               1               1
         DISTILLATE OIL
              AREA SOURCES              4             128              92               0              18
              POINT SOURCES             1               5               2               0               0
         NATURAL GAS
              AREA SOURCES              6               1             375              15              76
              POINT SOURCES            32               5             708              10              52
         TOTAL (COMM-INST)
              AREA SOURCES             58             499             526              15             107
```

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A10...STATE:22 MASSACHUSETTS   AQCR:118
B10...STATE:22 MASSACHUSETTS   AQCR:119
C10...STATE:22 MASSACHUSETTS   AQCR:119
D10...STATE:22 MASSACHUSETTS   AQCR:119
E10...STATE:22 MASSACHUSETTS   AQCR:119
F10...STATE:22 MASSACHUSETTS   AQCR:120
G10...STATE:22 MASSACHUSETTS   AQCR:120
H10...STATE:22 MASSACHUSETTS   AQCR:120
I10...STATE:22 MASSACHUSETTS   AQCR:120
J10...STATE:22 MASSACHUSETTS   AQCR:121
K10...STATE:22 MASSACHUSETTS   AQCR:121
L10...STATE:22 MASSACHUSETTS   AQCR:121
M10...STATE:22 MASSACHUSETTS   AQCR:121
N10...STATE 23:MICHIGAN
O10...STATE 23:MICHIGAN
A11...STATE 23:MICHIGAN
B11...STATE 23:MICHIGAN
C11...STATE 23:MICHIGAN
D11...STATE:23 MICHIGAN        AQCR:082
E11...STATE:23 MICHIGAN        AQCR:082
F11...STATE:23 MICHIGAN        AQCR:082
G11...STATE:23 MICHIGAN        AQCR:082
H11...STATE:23 MICHIGAN        AQCR:122
I11...STATE:23 MICHIGAN        AQCR:122
J11...STATE:23 MICHIGAN        AQCR:122
K11...STATE:23 MICHIGAN        AQCR:122
L11...STATE:23 MICHIGAN        AQCR:122
M11...STATE:23 MICHIGAN        AQCR:123
N11...STATE:23 MICHIGAN        AQCR:123
O11...STATE:23 MICHIGAN        AQCR:123
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B12...STATE:23 MICHIGAN        AQCR:123
C12...STATE:23 MICHIGAN        AQCR:124
D12...STATE:23 MICHIGAN        AQCR:124
E12...STATE:23 MICHIGAN        AQCR:124
F12...STATE:23 MICHIGAN        AQCR:124
G12...STATE:23 MICHIGAN        AQCR:125
H12...STATE:23 MICHIGAN        AQCR:125
I12...STATE:23 MICHIGAN        AQCR:125
J12...STATE:23 MICHIGAN        AQCR:125
K12...STATE:23 MICHIGAN        AQCR:126
L12...STATE:23 MICHIGAN        AQCR:126
M12...STATE:23 MICHIGAN        AQCR:126
N12...STATE:23 MICHIGAN        AQCR:126
O12...STATE 24:MINNESOTA

A13...STATE 24:MINNESOTA
B13...STATE 24:MINNESOTA
C13...STATE 24:MINNESOTA
D13...STATE 24:MINNESOTA
E13...STATE:24 MINNESOTA       AQCR:127
F13...STATE:24 MINNESOTA       AQCR:127
G13...STATE:24 MINNESOTA       AQCR:127
H13...STATE:24 MINNESOTA       AQCR:127
I13...STATE:24 MINNESOTA       AQCR:128
J13...STATE:24 MINNESOTA       AQCR:128
K13...STATE:24 MINNESOTA       AQCR:128
L13...STATE:24 MINNESOTA       AQCR:128
M13...STATE:24 MINNESOTA       AQCR:129
N13...STATE:24 MINNESOTA       AQCR:129
O13...STATE:24 MINNESOTA       AQCR:129
A14...STATE:24 MINNESOTA       AQCR:129
B14...STATE:24 MINNESOTA       AQCR:130
C14...STATE:24 MINNESOTA       AQCR:130
D14...STATE:24 MINNESOTA       AQCR:130
E14...STATE:24 MINNESOTA       AQCR:130
F14...STATE:24 MINNESOTA       AQCR:131
G14...STATE:24 MINNESOTA       AQCR:131
H14...STATE:24 MINNESOTA       AQCR:131
I14...STATE:24 MINNESOTA       AQCR:131
J14...STATE:24 MINNESOTA       AQCR:131
K14...STATE:24 MINNESOTA       AQCR:132
L14...STATE:24 MINNESOTA       AQCR:132
M14...STATE:24 MINNESOTA       AQCR:132
N14...STATE:24 MINNESOTA       AQCR:132
O14...STATE:24 MINNESOTA       AQCR:133
A15...STATE:24 MINNESOTA       AQCR:133
B15...STATE:24 MINNESOTA       AQCR:133
C15...STATE:24 MINNESOTA       AQCR:133
D15...STATE 25:MISSISSIPPI
E15...STATE 25:MISSISSIPPI
F15...STATE 25:MISSISSIPPI
G15...STATE 25:MISSISSIPPI
H15...STATE:25 MISSISSIPPI     AQCR:005
I15...STATE:25 MISSISSIPPI     AQCR:005
J15...STATE:25 MISSISSIPPI     AQCR:005
K15...STATE:25 MISSISSIPPI     AQCR:005
L15...STATE:25 MISSISSIPPI     AQCR:018
M15...STATE:25 MISSISSIPPI     AQCR:018
N15...STATE:25 MISSISSIPPI     AQCR:018
O15...STATE:25 MISSISSIPPI     AQCR:018

A16...STATE:25 MISSISSIPPI     AQCR:134
B16...STATE:25 MISSISSIPPI     AQCR:134
C16...STATE:25 MISSISSIPPI     AQCR:134
D16...STATE:25 MISSISSIPPI     AQCR:134
E16...STATE:25 MISSISSIPPI     AQCR:135
F16...STATE:25 MISSISSIPPI     AQCR:135
G16...STATE:25 MISSISSIPPI     AQCR:135
H16...STATE:25 MISSISSIPPI     AQCR:135
I16...STATE 26:MISSOURI
J16...STATE 26:MISSOURI
K16...STATE 26:MISSOURI
L16...STATE 26:MISSOURI
M16...STATE 26:MISSOURI
N16...STATE:26 MISSOURI        AQCR:070
O16...STATE:26 MISSOURI        AQCR:070
A17...STATE:26 MISSOURI        AQCR:070
B17...STATE:26 MISSOURI        AQCR:070
C17...STATE:26 MISSOURI        AQCR:094
D17...STATE:26 MISSOURI        AQCR:094
E17...STATE:26 MISSOURI        AQCR:094
F17...STATE:26 MISSOURI        AQCR:094
G17...STATE:26 MISSOURI        AQCR:137
H17...STATE:26 MISSOURI        AQCR:137
I17...STATE:26 MISSOURI        AQCR:137
J17...STATE:26 MISSOURI        AQCR:137
K17...STATE:26 MISSOURI        AQCR:138
L17...STATE:26 MISSOURI        AQCR:138
M17...STATE:26 MISSOURI        AQCR:138
N17...STATE:26 MISSOURI        AQCR:138
O17...STATE:26 MISSOURI        AQCR:139
A18...STATE:26 MISSOURI        AQCR:139
B18...STATE:26 MISSOURI        AQCR:139
C18...STATE:26 MISSOURI        AQCR:139
D18...STATE 27:MONTANA
E18...STATE 27:MONTANA
F18...STATE 27:MONTANA
G18...STATE 27:MONTANA
H18...STATE:27 MONTANA         AQCR:140
I18...STATE:27 MONTANA         AQCR:140
J18...STATE:27 MONTANA         AQCR:140
K18...STATE:27 MONTANA         AQCR:140
L18...STATE:27 MONTANA         AQCR:141
M18...STATE:27 MONTANA         AQCR:141
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FICHE/SEGMT    4    4 CKPT:    1, 1774,   96,    2,  126
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```
          MILITARY                          39           3          20          46          95
          CIVIL                              4           2          23          70        1412
          COMMERCIAL                         3           6          61          54         169
          TOTAL (AIRCRAFT)                  46          11         104         170        1676

      VESSELS

          GASOLINE                           0           0           6         116         408
          TOTAL (VESSELS)                    0           0           6         116         408

      TOTAL (TRANSPORTATION)              4715         996       11129        6919       62614

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                    1475          13         348        1665       12144
      STRUCTURAL FIRES                      42           0           2          28         169
      GASOLINE STA EVAP LOSS                 0           0           0         677           0
      SOLVENT EVAPORATION LOSS               0           0           0        1241           0
      UNPAVED ROADS                     169935           0           0           0           0
      UNPAVED AIRSTRIPS                     30           0           0           0           0
      TOTAL (MISCELLANEOUS)             171482          13         350        3611       12313

GRAND TOTAL
***********

      AREA SOURCES                      177348        2329       12305       12367       80573

      POINT SOURCES                        508         571         568        1522       10686

      TOTAL                             177856        2900       12873       13889       91259
```

```
               POINT SOURCES                1            18             6             0             0
           DISTILLATE OIL
               AREA SOURCES                22           354           252            15            51
               POINT SOURCES                1            33            13             0             3
           NATURAL GAS
               AREA SOURCES                41             6          1802            85           361
               POINT SOURCES                7             2           560             7            84
           TOTAL (COMM-INST)
               AREA SOURCES                81           490          2089           103           424
               POINT SOURCES               14           114           616             7           100

        TOTAL (EXTERNAL COMB)
               AREA SOURCES              2608          5063         14572          5149         12864
               POINT SOURCES             7590         49190         84063          1004          2029

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                   8             7           136             7            30
           NATURAL GAS                      4             0          1319            33           169
           TOTAL (ELEC GEN)                12             7          1455            40           199

        INDUSTRIAL FUEL

           DISTILLATE OIL                   9             8           129             9            28
           NATURAL GAS                     27             1          3584            87           560
           TOTAL (INDUSTRIAL)              36             9          3713            96           588

        TOTAL (INTERNAL COMB)              48            16          5168           136           787

     TOTAL (FUEL COMBUSTION)

               AREA SOURCES              2608          5063         14572          5149         12864
               POINT SOURCES             7638         49206         89231          1140          2816

  INDUSTRIAL PROCESS (POINT)
  **************************

     CHEMICAL MANUFACTURING               338             0          4183           389          1268
     FOOD/AGRICULTURAL                  43294             0             1             1            10
     SECONDARY METALS                     384          3497            70             0           559
     MINERAL PRODUCTS                    7087          3044           810           108            54
     PETROLEUM INDUSTRY                     4           203            74            46          4454
     ORGANIC SOLVENT EVAPORATION            0             0             0         46031             0
     PETROLEUM STORAGE/TRANSPORT            0             0             0         18602             0
     OTHER/NOT CLASSIFIED                   0             0             0             1             0
     TOTAL (INDUSTRIAL)                 51107          6744          5138         65178          6345

  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION             1379            12            29          3876         11642
        OPEN BURNING                     2615           103           670          3505         11132
        TOTAL (RESIDENTIAL)              3994           115           699          7381         22774

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               POINT SOURCES                5             5             6             6            20
        TOTAL (COMM-INST)
               POINT SOURCES                5             5             6             6            20

     INDUSTRIAL
```

```
*** A03 ***                                                                                    *** A03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                   RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:28 NEBRASKA       AQCR:146 NEBRASKA         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               12             18              0              6             77
         DISTILLATE OIL                 8            182            116              0             29
         NATURAL GAS                   31              1           1313             66            260
         WOOD                        1619             13            130           3343           9940
         TOTAL (RESIDENTIAL)         1670            214           1559           3415          10306

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             4062          27201          64982            926            913
         RESIDUAL OIL                   3             32             19              0              1
         DISTILLATE OIL                 0             68             37              3              5
         NATURAL GAS                    5              1           1003              2             77
         TOTAL (ELEC GEN)            4070          27302          66041            931            996

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             327           2003            999              0            120
             POINT SOURCES            581            165            460              3            264
         RESIDUAL OIL
             AREA SOURCES               0             12              2              0              0
         DISTILLATE OIL
             AREA SOURCES               2             57             64              0             12
             POINT SOURCES              0             17              2              0              0
         NATURAL GAS
             AREA SOURCES              12              1           3219            979            395
             POINT SOURCES              4              0            249              4             60
         WOOD
             POINT SOURCES             20              0              3              4              9
         TOTAL (INDUSTRIAL)
             AREA SOURCES             341           2073           4284            979            527
             POINT SOURCES            605            182            714             11            333

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             AREA SOURCES               3             30              8              0              1
             POINT SOURCES              5              1              1              0              0
         RESIDUAL OIL
             AREA SOURCES               0              9              1              0              0
         DISTILLATE OIL
             AREA SOURCES               7            140            101              0             14
             POINT SOURCES              0              6              1              0              0
```

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SELECT CARD = <29    148                                              45>
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*** A05 ***                                                                                    *** A05 ***
          RESIDUAL OIL
              AREA SOURCES                   114        1460         337           7          30
              POINT SOURCES                  115        1415         284           5          22
          DISTILLATE OIL
              AREA SOURCES                    20         278         194           2          47
              POINT SOURCES                    0          69           8           0           2
          NATURAL GAS
              AREA SOURCES                     5           1         197          10          39
          TOTAL (COMM-INST)
              AREA SOURCES                   165        1820         759          19         117
              POINT SOURCES                  115        1484         292           5          24

       TOTAL (EXTERNAL COMB)
              AREA SOURCES                  6241        4513        3104       12197       36588
              POINT SOURCES                 2740       73911       22427         292        1159

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          NATURAL GAS                          1           0          29           0           0
          TOTAL (ELEC GEN)                     1           0          29           0           0

       TOTAL (INTERNAL COMB)                   1           0          29           0           0

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  6241        4513        3104       12197       36588
              POINT SOURCES                 2741       73911       22456         292        1159

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                          1          95          32           1           2
    MINERAL PRODUCTS                         327          24          11          26          13
    PETROLEUM INDUSTRY                         9         113          20           0           2
    WOOD PRODUCTS                             68         210           0          21           0
    ORGANIC SOLVENT EVAPORATION               40          54          13        7974           0
    PETROLEUM STORAGE/TRANSPORT                0           0           0        1872           0
    TEXTILE MANUFACTURING                      0           0           0          98           0
    OTHER/NOT CLASSIFIED                      16         335           0         413           0
    TOTAL (INDUSTRIAL)                       461         831          76       10405          17

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 410           6          14        1155        3464
        OPEN BURNING                        1235          45         317        1669        5289
        TOTAL (RESIDENTIAL)                 1645          51         331        2824        8753

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 111          36          53          63         152
        OPEN BURNING
                AREA SOURCES                   2           0           0           4           8
        TOTAL (COMM-INST)
                AREA SOURCES                 113          36          53          67         160

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  10           1           1           9          17
        TOTAL (INDUSTRIAL)
```

```
*** A06 ***
    STRUCTURAL FIRES                           1449             0                135              1083              5896    *** A06 ***
    GASOLINE STA EVAP LOSS                        0             0                  0             19475                 0
    SOLVENT EVAPORATION LOSS                      0             0                  0             96811                 0
    UNPAVED ROADS                             10723             0                  0                 0                 0
    TOTAL (MISCELLANEOUS)                     12593             2                233            117816              9183

GRAND TOTAL
***********

    AREA SOURCES                             180935         48857             184112            299017           1787177

    POINT SOURCES                            201143         94744              60938            271217             42152

    TOTAL                                    382078        143601             245050            570234           1829329
```

SELECT CARD = <32

25>

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          TOTAL (INDUSTRIAL)                2            1          450          12           64
        TOTAL (INTERNAL COMB)               2            1          450          12           64
     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES            760         2452         2308        1144         3626
                  POINT SOURCES            16           10         1933          19          254
INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                    3645        19929         5352          15            9
     PETROLEUM STORAGE/TRANSPORT            0            0            0       20012            0
     METAL FABRICATION                     20            0            0           4            0
     OTHER/NOT CLASSIFIED                   0         1405            0           0            4
     TOTAL (INDUSTRIAL)                  3665        21334         5352       20031           13
SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION             2            0            0           2            3
         TOTAL (GOVERNMENT)                 2            0            0           2            3

     RESIDENTIAL (AREA)

         ON SITE INCINERATION              99            2            3         279          838
         OPEN BURNING                     461           17          118         622         1973
         TOTAL (RESIDENTIAL)              560           19          121         901         2811

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES              22            7           10          13           30
         OPEN BURNING
                 AREA SOURCES              14            1            5          26           72
         TOTAL (COMM-INST)
                 AREA SOURCES              36            8           15          39          102

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES              10            2            2           9           13
                 POINT SOURCES             29            0            4          46          548
         OPEN BURNING
                 AREA SOURCES               4            0            1           7           25
         TOTAL (INDUSTRIAL)
                 AREA SOURCES              14            2            3          16           38
                 POINT SOURCES             29            0            4          46          548

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             610           29          139         956         2951
                 POINT SOURCES             31            0            4          48          551
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         10166          289         4401       12111       160192
            LIGHT DUTY TRUCKS            3642          146         2062        5085        66777
            HEAVY DUTY VEHICLES           449           29          560        1727        33625
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                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:32 NEW MEXICO      AQCR:156 SOUTHWESTERN MOUNTAINS-AUGUSTI  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                          PARTICULATES        SOX            NOX            VOC            CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            3             10              0              2             18
         DISTILLATE OIL             1             17              7              0              2
         NATURAL GAS                3              0            122              7             25
         WOOD                     714              7             56           1483           4409
         TOTAL (RESIDENTIAL)      721             34            185           1492           4454

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES            5             67             18              0              2
         DISTILLATE OIL
            AREA SOURCES            2             40             30              1              7
         NATURAL GAS
            AREA SOURCES            0              0             22              0              5
         TOTAL (INDUSTRIAL)
            AREA SOURCES            7            107             70              1             14

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            POINT SOURCES           1             11              8              0              2
         NATURAL GAS
            AREA SOURCES            2              0             51              2             11
         TOTAL (COMM-INST)
            AREA SOURCES            2              0             51              2             11
            POINT SOURCES           1             11              8              0              2

      TOTAL (EXTERNAL COMB)
            AREA SOURCES          730            141            306           1495           4479
            POINT SOURCES           1             11              8              0              2

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS               18             50           5369            270           1164
         TOTAL (INDUSTRIAL)        18             50           5369            270           1164

      TOTAL (INTERNAL COMB)        18             50           5369            270           1164

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES          730            141            306           1495           4479
```

AREA SOURCES	243	48	48	220	326
POINT SOURCES	593	1131	904	6783	9046
OPEN BURNING					
AREA SOURCES	188	7	64	328	1150
TOTAL (INDUSTRIAL)					
AREA SOURCES	431	55	112	548	1476
POINT SOURCES	593	1131	904	6783	9046
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	10986	849	2804	15892	48631
POINT SOURCES	23413	4741	4867	9173	57427
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	156791	4675	102472	152861	1654478
LIGHT DUTY TRUCKS	13404	545	10816	15667	151896
HEAVY DUTY VEHICLES	5825	397	11779	17908	278906
OFF HIGHWAY	357	192	3980	10587	133841
TOTAL (GASOLINE)	176377	5809	129047	197023	2219121
DIESEL					
HEAVY DUTY VEHICLES	6925	2624	24249	3794	11805
OFF HIGHWAY	270	212	2549	389	771
RAIL	389	888	5769	1401	2028
TOTAL (DIESEL)	7584	3724	32567	5584	14604
AIRCRAFT					
MILITARY	71	4	37	84	173
CIVIL	19	12	91	283	5658
COMMERCIAL	141	325	3384	2999	9317
TOTAL (AIRCRAFT)	231	341	3512	3366	15148
VESSELS					
DIESEL FUEL	437	545	4071	1017	1424
RESIDUAL OIL	1071	14119	2321	139	78
GASOLINE	0	29	167	3649	13005
TOTAL (VESSELS)	1508	14693	6559	4805	14507
TOTAL (TRANSPORTATION)	185700	24567	171685	210778	2263380
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	108	1	25	121	886
STRUCTURAL FIRES	3184	0	301	2381	12951
GASOLINE STA EVAP LOSS	0	0	0	25745	0
SOLVENT EVAPORATION LOSS	0	0	0	146470	0
UNPAVED ROADS	22344	0	0	0	0
UNPAVED AIRSTRIPS	33	0	0	0	0
TOTAL (MISCELLANEOUS)	25669	1	326	174717	13837
GRAND TOTAL					
***********					
AREA SOURCES	225768	43073	198703	406139	2341312
POINT SOURCES	44740	216042	120053	17466	67862

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                                         NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK        AQCR:161 HUDSON VALLEY                        AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                      POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL               8             24              2              8             79
          BITUMINOUS COAL               5             26              0              2             35
          DISTILLATE OIL              198           2284           1426             53            397
          NATURAL GAS                  52             11           1763             91            353
          WOOD                      13191            138           1043          27387          81393
          TOTAL (RESIDENTIAL)       13454           2483           4234          27541          82257
       ELEC GENERATION (POINT)

          RESIDUAL OIL               5286          81673          20170            229           1505
          NATURAL GAS                  15              3           2742              7            200
          TOTAL (ELEC GEN)           5301          81676          22912            236           1705
       INDUSTRIAL FUEL

          RESIDUAL OIL
             POINT SOURCES           4178          55544          10104            792            947
          DISTILLATE OIL
             POINT SOURCES             46           2600            204              1             50
          NATURAL GAS
             AREA SOURCES               4              0            633            139             76
             POINT SOURCES             24              5           2042             16            304
          WOOD
             POINT SOURCES             60              1             10             12             27
          TOTAL (INDUSTRIAL)
             AREA SOURCES               4              0            633            139             76
             POINT SOURCES           4308          58150          12360            821           1328
       COMM-INSTITUTIONAL FUEL

          ANTHRACITE COAL
             POINT SOURCES              4             24              3              0              0
          BITUMINOUS COAL
             AREA SOURCES               7             39              5              0              3
             POINT SOURCES            434            417            104              0             40
          RESIDUAL OIL
             POINT SOURCES           1448          19406           3620             74            328
          DISTILLATE OIL
             POINT SOURCES             97           5854            447              7            112
          NATURAL GAS
             AREA SOURCES              18              2            638             36            127
             POINT SOURCES              1              0             59              1             15
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*** A12 ***                                                                  *** A12 ***
SELECT CARD = <34                                          25>
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                                   NATIONAL EMISSIONS DATA SYSTEM
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                                  ENVIRONMENTAL PROTECTION AGENCY
                                  *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                 RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA  AQCR:166 EASTERN PIEDMONT            AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                          PARTICULATES          SOX             NOX             VOC              CO
                          ************     ************    ************    ************    ************
                           TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL           64           200              14              44             384
            DISTILLATE OIL            59           675             423              18             118
            NATURAL GAS               16             2             609              29             122
            WOOD                   11501           120             909           23871           70947
            TOTAL (RESIDENTIAL)    11640           997            1955           23962           71571

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        19981         91832           67471             226            1928
            DISTILLATE OIL             0            69              58               0              12
            NATURAL GAS                0             0              10               0               1
            TOTAL (ELEC GEN)       19981         91901           67539             226            1941

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         339          1870             619               1              81
                POINT SOURCES        137          3339            1162               5              88
            RESIDUAL OIL
                POINT SOURCES        601          9076            1569              99             142
            DISTILLATE OIL
                AREA SOURCES           0            14              15               0               2
                POINT SOURCES          1            21              22               0               5
            NATURAL GAS
                AREA SOURCES          17             1            2467             612             296
                POINT SOURCES          2             0             116             510              29
            WOOD
                AREA SOURCES          15             0              15              11              29
                POINT SOURCES        286            22             259             295             691
            TOTAL (INDUSTRIAL)
                AREA SOURCES         371          1885            3116             624             408
                POINT SOURCES       1027         12458            3128             909             955

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          83           298              67               2              38
            RESIDUAL OIL
                POINT SOURCES         53           716             126               2              11
            NATURAL GAS
                AREA SOURCES           7             1             285              13              58
                POINT SOURCES          0             0               5               0               1
            TOTAL (COMM-INST)
```

```
SELECT CARD = <34    170                                                                              45>
STATE 34 COUNTY 2140 NOT FOUND IN POINT FILE
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*** A15 ***                                                                                         *** A15 ***
          GASOLINE                        0             0             0             0             1
          TOTAL (VESSELS)                 0             0             0             0             1

     TOTAL (TRANSPORTATION)            2853           628          6624          3525         31153

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                    21             0             2            16            86
     GASOLINE STA EVAP LOSS               0             0             0           422             0
     SOLVENT EVAPORATION LOSS             0             0             0          1000             0
     UNPAVED ROADS                    67762             0             0             0             0
     TOTAL (MISCELLANEOUS)            67783             0             2          1438            86

GRAND TOTAL
***********

     AREA SOURCES                     71477          2474          9412          6111         33034

     POINT SOURCES                     1276           374           189             3           253

     TOTAL                            72753          2848          9601          6114         33287
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SELECT CARD = <36    103                                                                                  45>
STATE 36 COUNTY 0820 NOT FOUND IN POINT FILE
```

AREA SOURCES	625	199	297	363	859
POINT SOURCES	34	2	2	3	6
OPEN BURNING					
AREA SOURCES	18	1	6	34	90
TOTAL (COMM-INST)					
AREA SOURCES	643	200	303	397	949
POINT SOURCES	34	2	2	3	6
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	243	49	49	220	326
POINT SOURCES	66	10	12	106	742
OPEN BURNING					
AREA SOURCES	171	6	59	298	1047
TOTAL (INDUSTRIAL)					
AREA SOURCES	414	55	108	518	1373
POINT SOURCES	66	10	12	106	742
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	7306	432	1435	13076	39672
POINT SOURCES	5051	180	385	549	2092
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	66996	2166	45167	60874	664038
LIGHT DUTY TRUCKS	9817	451	9109	11826	111907
HEAVY DUTY VEHICLES	3211	237	7207	10006	156543
OFF HIGHWAY	220	117	2430	6463	81710
TOTAL (GASOLINE)	80244	2971	63913	89169	1014198
DIESEL					
HEAVY DUTY VEHICLES	8248	3296	30296	4494	13928
OFF HIGHWAY	838	654	7884	1200	2382
RAIL	1076	2449	15890	3859	5583
TOTAL (DIESEL)	10162	6399	54070	9553	21893
AIRCRAFT					
MILITARY	123	8	63	144	298
CIVIL	19	10	81	249	5017
COMMERCIAL	37	87	905	803	2493
TOTAL (AIRCRAFT)	179	105	1049	1196	7808
VESSELS					
BITUMINOUS COAL	1152	1191	58	192	1728
DIESEL FUEL	2	2	17	4	6
RESIDUAL OIL	2	36	6	0	0
GASOLINE	0	10	60	1319	4697
TOTAL (VESSELS)	1156	1239	141	1515	6431
TOTAL (TRANSPORTATION)	91741	10714	119173	101433	1050330
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	102	1	24	116	845
STRUCTURAL FIRES	963	0	90	721	3925
GASOLINE STA EVAP LOSS	0	0	0	12891	0

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*** A18 ***
                                                                                                   *** A18 ***
                                   NATIONAL EMISSIONS DATA SYSTEM
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                                  ENVIRONMENTAL PROTECTION AGENCY
                                  *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:36 OHIO        AQCR:178 NORTHWEST PENNSYLVANIA-YOUNGST   AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY     JULY 11, 1983

                              PARTICULATES      SOX          NOX          VOC           CO
                              ************  ************ ************ ************ ************
                               TONS / YR     TONS / YR    TONS / YR    TONS / YR    TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0             1            0            0            4
         DISTILLATE OIL                25           293          183            7           51
         NATURAL GAS                   37             8         1243           66          249
         WOOD                        2818            30          223         5850        17388
         TOTAL (RESIDENTIAL)         2880           332         1649         5923        17692

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             7644         96717        20359          202          660
         RESIDUAL OIL                 116           150           48            6           30
         TOTAL (ELEC GEN)            7760         96867        20407          208          690

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           11484         15344         2979           69          243
         RESIDUAL OIL
            POINT SOURCES              78           705          315           11            9
         DISTILLATE OIL
            AREA SOURCES               12           116          131            5           31
            POINT SOURCES               1            47           16            1            3
         NATURAL GAS
            AREA SOURCES               18             3         3743         1178          473
            POINT SOURCES              10            20          591           13           30
         PROCESS GAS
            POINT SOURCES             294          5986         1748           11          403
         WOOD
            POINT SOURCES               7             0            6            1            1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               30           119         3874         1183          504
            POINT SOURCES           11874         22102         5655          106          689

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               10            35           13            0            0
         DISTILLATE OIL
            AREA SOURCES                6            83           58            0           14
         NATURAL GAS
            AREA SOURCES               11             2          401           21           80
         TOTAL (COMM-INST)
            AREA SOURCES               27           120          472           21           94
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*** B01 ***                                                                                    *** B01 ***
SELECT CARD = <27    142                                            45>
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*** B02 ***
                                                                                          *** B02 ***
      ON SITE INCINERATION
             POINT SOURCES                22          11          53          13           3
      TOTAL (INDUSTRIAL)
             POINT SOURCES                22          11          53          13           3

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES               3994         115         699        7381       22774
             POINT SOURCES                27          16          59          19          23
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES          20264         993       22630       27325      263401
          LIGHT DUTY TRUCKS             7137         566       11359       11797      100998
          HEAVY DUTY VEHICLES           1726         189        6466        5845       94026
          OFF HIGHWAY                     64          29         819        2185       27555
          TOTAL (GASOLINE)             29191        1777       41274       47152      485980
       DIESEL

          HEAVY DUTY VEHICLES           6473        3002       27178        3471       10615
          OFF HIGHWAY                   2129        1665       20049        3058        6061
          RAIL                           475        1083        6980        1692        2449
          TOTAL (DIESEL)                9077        5750       54207        8221       19125
    AIRCRAFT

       MILITARY                          294          18         152         346         716
       CIVIL                              17           3         114         363        7321
       COMMERCIAL                         18          40         418         371        1153
       TOTAL (AIRCRAFT)                  329          61         684        1080        9190
    VESSELS

       GASOLINE                            0          13         107        2270        8104
       TOTAL (VESSELS)                     0          13         107        2270        8104

    TOTAL (TRANSPORTATION)             38597        7601       96272       58723      522399
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1265           0         301        1421       10409
    STRUCTURAL FIRES                     426           0          28         318        1730
    GASOLINE STA EVAP LOSS                 0           0           0        6889           0
    SOLVENT EVAPORATION LOSS               0           0           0       18474           0
    UNPAVED ROADS                     969111           0           0           0           0
    UNPAVED AIRSTRIPS                     22           0           0           0           0
    TOTAL (MISCELLANEOUS)             970824           0         329       27102       12139
GRAND TOTAL
***********

    AREA SOURCES                     1016023       12779      111872       98355      570176

    POINT SOURCES                      58772       55966       94428       66337        9184

    TOTAL                            1074795       68745      206300      164692      579360
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          NATURAL GAS
               AREA SOURCES              10             0            736             30            148
               POINT SOURCES              0             0             36              1              7
          TOTAL (COMM-INST)
               AREA SOURCES              20           179            846             30            163
               POINT SOURCES              5             7             38              1              7

      TOTAL (EXTERNAL COMB)
               AREA SOURCES            2031          2466           6689           4424          10996
               POINT SOURCES           4680         27491          66793            943           1336

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                  7             6            118              6             26
          NATURAL GAS                     3             0           1140             28            144
          TOTAL (ELEC GEN)               10             6           1258             34            170

      INDUSTRIAL FUEL

          DISTILLATE OIL                  9             8            129              9             28
          NATURAL GAS                    19             1            808             19            207
          TOTAL (INDUSTRIAL)             28             9            937             28            235

      TOTAL (INTERNAL COMB)              38            15           2195             62            405

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES            2031          2466           6689           4424          10996
               POINT SOURCES           4718         27506          68988           1005           1741
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               29             0           4182            389           1268
    FOOD/AGRICULTURAL                 37265             0              0              0              1
    SECONDARY METALS                    293             2             55              0            288
    MINERAL PRODUCTS                   4766          2954            755              9              4
    PETROLEUM INDUSTRY                    4           203             74             46           4454
    ORGANIC SOLVENT EVAPORATION           0             0              0          20575              0
    PETROLEUM STORAGE/TRANSPORT           0             0              0          10273              0
    TOTAL (INDUSTRIAL)                42357          3159           5066          31292           6015
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            749             3             10           2103           6322
        OPEN BURNING                   1482            61            380           1981           6291
        TOTAL (RESIDENTIAL)            2231            64            390           4084          12613

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES             1             0              0              1              2
        TOTAL (COMM-INST)
                POINT SOURCES             1             0              0              1              2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           2231            64            390           4084          12613
                POINT SOURCES             1             0              0              1              2
TRANSPORTATION (AREA)
*********************
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         *********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         **********************************

STATE/AQCR EMISSIONS REPORT                                                            RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                             AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:29 NEVADA          AQCR:148 NORTHWEST NEVADA                       POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES        SOX               NOX              VOC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                  1               2                0                1                7
         DISTILLATE OIL                   7             138               57                2               17
         NATURAL GAS                     12               2              402               21               80
         WOOD                          1186              12               93             2462             7316
         TOTAL (RESIDENTIAL)           1206             154              552             2486             7420

      ELEC GENERATION (POINT)

         RESIDUAL OIL                    46             563              295                3               22
         NATURAL GAS                     27               5             4989               13              363
         TOTAL (ELEC GEN)                73             568             5284               16              385

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                350             840              416                2               53
         RESIDUAL OIL
            AREA SOURCES                  6              74               16                0                1
         DISTILLATE OIL
            AREA SOURCES                  7             105               80                3               19
         NATURAL GAS
            AREA SOURCES                  3               0              136                3               35
         TOTAL (INDUSTRIAL)
            AREA SOURCES                366            1019              648                8              108

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  0               1                0                0                0
         BITUMINOUS COAL
            AREA SOURCES                 12              18                5                0                3
         RESIDUAL OIL
            AREA SOURCES                  3              44                9                0                1
            POINT SOURCES                 1               8                3                0                0
         NATURAL GAS
            AREA SOURCES                  5               1              176               10               35
            POINT SOURCES                 2               0               65                2               15
         TOTAL (COMM-INST)
            AREA SOURCES                 20              64              190               10               39
            POINT SOURCES                 3               8               68                2               15

      TOTAL (EXTERNAL COMB)
```

AREA SOURCES	10	1	1	9	17
TOTAL (SOLID WASTE DISP) AREA SOURCES	1768	88	385	2900	8930
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	11412	519	10690	11187	115026
LIGHT DUTY TRUCKS	2888	180	3705	3931	34939
HEAVY DUTY VEHICLES	716	68	2264	2410	38248
OFF HIGHWAY	61	34	694	1847	23351
TOTAL (GASOLINE)	15077	801	17353	19375	211564
DIESEL					
HEAVY DUTY VEHICLES	977	457	4144	523	1599
OFF HIGHWAY	105	81	988	150	299
RAIL	0	2	16	2	6
TOTAL (DIESEL)	1082	540	5148	675	1904
AIRCRAFT					
MILITARY	189	13	96	222	457
CIVIL	6	5	32	99	1981
COMMERCIAL	5	11	117	104	322
TOTAL (AIRCRAFT)	200	29	245	425	2760
VESSELS					
DIESEL FUEL	3	4	30	8	11
RESIDUAL OIL	14	183	30	2	1
GASOLINE	0	0	4	90	316
TOTAL (VESSELS)	17	187	64	100	328
TOTAL (TRANSPORTATION)	16376	1557	22810	20575	216556
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	49	0	9	55	402
STRUCTURAL FIRES	180	0	17	135	734
GASOLINE STA EVAP LOSS	0	0	0	3134	0
SOLVENT EVAPORATION LOSS	0	0	0	17541	0
UNPAVED ROADS	19943	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	20194	0	26	20865	1136
GRAND TOTAL					
***********					
AREA SOURCES	44579	6158	26325	56537	263210
POINT SOURCES	3202	74742	22532	10697	1176
TOTAL	47781	80900	48857	67234	264386

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*** B06 ***                                                                                   *** B06 ***
SELECT CARD = <31    045                                              45>
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NATIONAL EMISSIONS DATA SYSTEM
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ENVIRONMENTAL PROTECTION AGENCY
****

STATE EMISSIONS REPORT
****
STATE 32:NEW MEXICO

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	28	87	4	17	167
DISTILLATE OIL	4	92	38	0	9
NATURAL GAS	43	7	1490	78	298
WOOD	8989	92	707	18668	55482
TOTAL (RESIDENTIAL)	9064	278	2239	18763	55956
ELEC GENERATION (POINT)					
BITUMINOUS COAL	22845	68818	62587	1156	5212
RESIDUAL OIL	10	95	20	0	1
DISTILLATE OIL	2	20	381	4	22
NATURAL GAS	124	19	11285	40	881
TOTAL (ELEC GEN)	22981	68952	74273	1200	6116
INDUSTRIAL FUEL					
ANTHRACITE COAL					
POINT SOURCES	62	17	11	0	0
RESIDUAL OIL					
AREA SOURCES	344	3706	986	3	89
DISTILLATE OIL					
AREA SOURCES	81	1241	933	32	222
NATURAL GAS					
AREA SOURCES	16	2	859	16	213
POINT SOURCES	69	995	1406	45	160
PROCESS GAS					
POINT SOURCES	2	17	35	2	26
WOOD					
POINT SOURCES	479	111	738	2989	2571
TOTAL (INDUSTRIAL)					
AREA SOURCES	441	4949	2778	51	524
POINT SOURCES	612	1140	2190	3036	2757
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	40	183	61	3	36
RESIDUAL OIL					
AREA SOURCES	2	23	6	0	1
DISTILLATE OIL					
AREA SOURCES	51	1095	507	7	127
POINT SOURCES	1	16	10	0	3

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          OFF HIGHWAY                        23          13         264         702        8881
          TOTAL (GASOLINE)                14280         477        7287       19625      269475

      DIESEL

          HEAVY DUTY VEHICLES              2243         814        3730        2480        6202
          OFF HIGHWAY                       376         294        3539         539        1069
          RAIL                              410         936        6074        1475        2134
          TOTAL (DIESEL)                   3029        2044       13343        4494        9405

   AIRCRAFT

       MILITARY                             159          10          81         187         385
       CIVIL                                  2           1          11          34         671
       COMMERCIAL                            16          37         386         342        1062
       TOTAL (AIRCRAFT)                     177          48         478         563        2118

   VESSELS

       GASOLINE                               0           0           1          13          46
       TOTAL (VESSELS)                        0           0           1          13          46

   TOTAL (TRANSPORTATION)                 17486        2569       21109       24695      281044

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          6           0           2           7          53
    FOREST MANAGED BURNING                 1454          11         291        1040        8142
    STRUCTURAL FIRES                        115           0          11          86         467
    GASOLINE STA EVAP LOSS                    0           0           0        2170           0
    SOLVENT EVAPORATION LOSS                  0           0           0        5214           0
    UNPAVED ROADS                         96376           0           0           0           0
    TOTAL (MISCELLANEOUS)                 97951          11         304        8517        8662

GRAND TOTAL
***********

    AREA SOURCES                         116807        5061       23860       35312      296283

    POINT SOURCES                          3712       21344        7289       20098         818

    TOTAL                                120519       26405       31149       55410      297101
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*** B09 ***
              POINT SOURCES                 19          61        5377         270        1166   *** B09 ***
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   6        2400           0           0           0
    SECONDARY METALS                         4          22           0           0         155
    MINERAL PRODUCTS                        67           2           1           3           1
    TOTAL (INDUSTRIAL)                      77        2424           1           3         156
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 4           0           0          11          33
        OPEN BURNING                        23           1           6          32         102
        TOTAL (RESIDENTIAL)                 27           1           6          43         135
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 0           0           0           0           1
        OPEN BURNING
                AREA SOURCES                 1           0           0           2           4
        TOTAL (COMM-INST)
                AREA SOURCES                 1           0           0           2           5
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 1           0           0           1           2
                POINT SOURCES               43           2           7          67         782
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 1           0           0           1           2
                POINT SOURCES               43           2           7          67         782
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                29           1           6          46         142
                POINT SOURCES               43           2           7          67         782
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           2143         104        1683        3267       40171
            LIGHT DUTY TRUCKS             1650         110        1541        2494       31565
            HEAVY DUTY VEHICLES            101          10         229         425        8506
            OFF HIGHWAY                      6           3          69         187        2349
            TOTAL (GASOLINE)              3900         227        3522        6373       82591
        DIESEL

            HEAVY DUTY VEHICLES            562         282        1331         602        1459
            OFF HIGHWAY                    166         129        1559         238         470
            RAIL                           121         277        1795         436         631
            TOTAL (DIESEL)                 849         688        4685        1276        2560
    AIRCRAFT

        CIVIL                                2           0           7          24         489
        TOTAL (AIRCRAFT)                     2           0           7          24         489
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TOTAL	270508	259115	318756	423605	2409174

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          TOTAL (COMM-INST)
              AREA SOURCES                   25           41          643           36          130
              POINT SOURCES                1984        25701         4233           82          495

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                13483         2524         5510        27716        82463
              POINT SOURCES               11593       165527        39505         1139         3528

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          NATURAL GAS                        17            0          509           16          142
          TOTAL (ELEC GEN)                   17            0          509           16          142

      TOTAL (INTERNAL COMB)                  17            0          509           16          142

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES                13483         2524         5510        27716        82463
              POINT SOURCES               11610       165527        40014         1155         3670
INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                    231            0           94           68            0
  FOOD/AGRICULTURAL                          76            0            0          116            0
  MINERAL PRODUCTS                         5968        14420         3676            0            0
  ORGANIC SOLVENT EVAPORATION                 0            0            0          872            0
  OTHER/NOT CLASSIFIED                     2089        16073         1209         1836           40
  TOTAL (INDUSTRIAL)                       8364        30493         4979         2892           40
SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                 51            4            3           27           43
      TOTAL (GOVERNMENT)                     51            4            3           27           43

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                  214            1            7          605         1811
      OPEN BURNING                         1008           37          258         1361         4321
      TOTAL (RESIDENTIAL)                  1222           38          265         1966         6132

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                  209           63           98          120          287
              POINT SOURCES                  99           14           12           84          117
      OPEN BURNING
              AREA SOURCES                    3            0            0            6           12
      TOTAL (COMM-INST)
              AREA SOURCES                  212           63           98          126          299
              POINT SOURCES                  99           14           12           84          117

  INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                   25            5            5           25           38
              POINT SOURCES                   4            1            0            5            7
      OPEN BURNING
              AREA SOURCES                   22            0           10           37          130
      TOTAL (INDUSTRIAL)
              AREA SOURCES                   47            5           15           62          168
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                                     NATIONAL EMISSIONS DATA SYSTEM
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                                     ENVIRONMENTAL PROTECTION AGENCY
                                    *********************************

STATE EMISSIONS REPORT
****************************                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE 34:NORTH CAROLINA                                AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                      POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                          PARTICULATES        SOX             NOX            VOC             CO
                          ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL          284            880             54            187           1689
         DISTILLATE OIL           393           4510           2822            110            788
         NATURAL GAS               62              7           2314            116            459
         WOOD                   53557            560           4226         111185         330452
         TOTAL (RESIDENTIAL)    54296           5957           9416         111598         333388

      ELEC GENERATION (POINT)

         BITUMINOUS COAL        75441         453939         268419            875           7485
         RESIDUAL OIL              33            433            141              2             10
         DISTILLATE OIL             0            153            118              0             24
         NATURAL GAS                0              0             11              0              1
         OTHER                     18              0              9              6             14
         TOTAL (ELEC GEN)       75492         454525         268698            883           7534

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         2152          11807           3916              7            504
            POINT SOURCES        2301          23973          12931            111           1159
         LIGNITE
            POINT SOURCES           4             11              8              0              3
         RESIDUAL OIL
            POINT SOURCES        6809         103814          19063            252           1674
         DISTILLATE OIL
            AREA SOURCES            2             90            101              0             16
            POINT SOURCES          51           1200            578              3            139
         NATURAL GAS
            AREA SOURCES           99             12          13990           3475           1669
            POINT SOURCES          16              1           1986            521            228
         PROCESS GAS
            POINT SOURCES           0              0              4              0              1
         WOOD
            AREA SOURCES           93              0             93             64            177
            POINT SOURCES        2490            140           1607           1921           4059
         LIQUID PETROL GAS
            POINT SOURCES           0              1              5              0              0
         OTHER
            POINT SOURCES           3              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES         2346          11909          18100           3546           2366
            POINT SOURCES       11474         129140          36182           2808           7263
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                 AREA SOURCES               90        299        352         15         96
                 POINT SOURCES              53        716        131          2         12

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES            12101       3181       5423      24601      72075
                 POINT SOURCES           21061     105075      70798       1137       2908
     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            12101       3181       5423      24601      72075
                 POINT SOURCES           21061     105075      70798       1137       2908
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                406          0          0        941        575
     FOOD/AGRICULTURAL                     415          0          0          5          0
     SECONDARY METALS                       14          6          0          0        990
     MINERAL PRODUCTS                     9757         60         78        134         37
     WOOD PRODUCTS                        9312       1213        203         63      10173
     ORGANIC SOLVENT EVAPORATION             3          0          0       3140          0
     PETROLEUM STORAGE/TRANSPORT             0          0          0       1051          0
     METAL FABRICATION                       1          0          0          7          0
     TEXTILE MANUFACTURING                 161          0          8        349          0
     OTHER/NOT CLASSIFIED                    0        471          0          5          0
     TOTAL (INDUSTRIAL)                  20069       1750        289       5695      11775
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         OPEN BURNING                     2321         86        596       3134       9933
         TOTAL (RESIDENTIAL)              2321         86        596       3134       9933

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES              196         61         93        114        268
         OPEN BURNING
                 AREA SOURCES                3          0          0          6         12
         TOTAL (COMM-INST)
                 AREA SOURCES              199         61         93        120        280

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES              124         23         23        112        166
                 POINT SOURCES               2          2          4          5         12
         OPEN BURNING
                 AREA SOURCES               47          0         15         78        275
         TOTAL (INDUSTRIAL)
                 AREA SOURCES              171         23         38        190        441
                 POINT SOURCES               2          2          4          5         12

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             2691        170        727       3444      10654
                 POINT SOURCES               2          2          4          5         12
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA  AQCR:170 SOUTHERN COASTAL PLAIN   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES        SOX             NOX             VOC              CO
                            ************   ************    ************    ************    ************
                             TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              13            38               3               7              64
         DISTILLATE OIL               38           439             274              10              76
         NATURAL GAS                   6             0             203              10              42
         WOOD                       3851            40             306            7994           23756
         TOTAL (RESIDENTIAL)        3908           517             784            8021           23938

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1908         31911           16062              53             459
         RESIDUAL OIL                  0            28              59               1               4
         DISTILLATE OIL                0            11               9               0               2
         OTHER                         9             0               3               2               5
         TOTAL (ELEC GEN)           1917         31950           16133              56             470

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             141           766             255               0              32
            POINT SOURCES             92          1198             827               3              24
         RESIDUAL OIL
            POINT SOURCES           2821         40714            7443             106             623
         DISTILLATE OIL
            AREA SOURCES               0             8               8               0               1
            POINT SOURCES              3            70              29               0               7
         NATURAL GAS
            AREA SOURCES               7             0            1054             261             125
            POINT SOURCES              1             0             358               1              26
         WOOD
            AREA SOURCES              11             0              11               9              23
            POINT SOURCES            469            19             227             257             604
         TOTAL (INDUSTRIAL)
            AREA SOURCES             159           774            1328             270             181
            POINT SOURCES           3386         42001            8884             367            1284

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              34           126              27               0              16
         RESIDUAL OIL
            POINT SOURCES             50           656             125               2              11
         NATURAL GAS
            AREA SOURCES               2             0             119               6              24
         TOTAL (COMM-INST)
```

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SELECT CARD = <35     172                                                        45>
STATE 35 COUNTY 0020 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0060 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0080 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0200 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0240 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0320 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0380 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0420 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0440 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0520 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0540 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0560 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0600 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0620 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0680 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0820 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0840 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0900 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0940 NOT FOUND IN POINT FILE
STATE 35 COUNTY 0960 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1040 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1060 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1080 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1100 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1160 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1280 NOT FOUND IN POINT FILE
STATE 35 COUNTY 1320 NOT FOUND IN POINT FILE
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:        MONDAY  NOVEMBER 28, 1983
STATE:36 OHIO          AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0               2               0               0               5
         DISTILLATE OIL                12             135              84               3              23
         NATURAL GAS                    9               2             297              16              60
         WOOD                        3777              39             299            7842           23309
         TOTAL (RESIDENTIAL)         3798             178             680            7861           23397

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            10686          609395          176768            2333            7786
         RESIDUAL OIL                   0             245              99               5              14
         DISTILLATE OIL                 5               8               6               5               6
         TOTAL (ELEC GEN)           10691          609648          176873            2343            7806

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           11266           21926            3414              64             194
         RESIDUAL OIL
            POINT SOURCES               9             106               6               0               0
         DISTILLATE OIL
            AREA SOURCES                0              12              14               0               3
            POINT SOURCES              29            1641             336              15              56
         NATURAL GAS
            AREA SOURCES                2               0             350             109              44
            POINT SOURCES              26              10             746              26              58
         PROCESS GAS
            POINT SOURCES              18            4060             115               3              31
         COKE
            POINT SOURCES            1146             950              41               0               1
         OTHER
            POINT SOURCES               4               0               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                2              12             364             109              47
            POINT SOURCES           12498           28693            4658             108             340

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                3              12               4               0               0
         BITUMINOUS COAL
            POINT SOURCES             129             645              99               4              13
         DISTILLATE OIL
```

```
*** B17 ***
    SOLVENT EVAPORATION LOSS                0           0           0       61740          0   *** B17 ***
    UNPAVED ROADS                       70904           0           0           0          0
    UNPAVED AIRSTRIPS                       5           0           0           0          0
    TOTAL (MISCELLANEOUS)               71974           1         114       75468       4770

GRAND TOTAL
***********

    AREA SOURCES                       175388       13514      149628      203822    1122499

    POINT SOURCES                      104583      399853       90133       74975      65014

    TOTAL                              279971      413367      239761      278797    1187513
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	2937	571	5995	7127	18290
POINT SOURCES	19634	118969	26062	314	1379
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	13	13	14	15	42
TOTAL (ELEC GEN)	13	13	14	15	42
TOTAL (INTERNAL COMB)	13	13	14	15	42
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2937	571	5995	7127	18290
POINT SOURCES	19647	118982	26076	329	1421
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	43	0	0	448	0
PRIMARY METAL	12247	16431	3961	4462	40508
SECONDARY METALS	446	85	7	1	1087
MINERAL PRODUCTS	851	395	71	24	18
ORGANIC SOLVENT EVAPORATION	0	0	0	5464	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	200	0
OTHER/NOT CLASSIFIED	35	0	0	362	0
TOTAL (INDUSTRIAL)	13622	16911	4039	10961	41613
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	564	4	28	4	0
TOTAL (GOVERNMENT)	564	4	28	4	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	480	8	14	1350	4047
OPEN BURNING	689	25	177	930	2949
TOTAL (RESIDENTIAL)	1169	33	191	2280	6996
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	117	38	55	68	160
OPEN BURNING					
AREA SOURCES	4	0	1	7	17
TOTAL (COMM-INST)					
AREA SOURCES	121	38	56	75	177
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	38	8	8	34	51
POINT SOURCES	4	4	28	4	0
OPEN BURNING					
AREA SOURCES	27	1	9	47	165
TOTAL (INDUSTRIAL)					
AREA SOURCES	65	[illegible]	17	81	216
POINT SOURCES	4	[illegible]	28	4	0
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1355	[illegible]	264	2436	7389

```
*** C01 ***
                                                                                                              *** C01 ***
                                             NATIONAL EMISSIONS DATA SYSTEM
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                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:27 MONTANA          AQCR:142 HELENA                       AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL           11               36                1                8               67
            DISTILLATE OIL             1               45               19                0                5
            NATURAL GAS                7                0              246               11               50
            WOOD                    2423               24              192             5025            14938
            TOTAL (RESIDENTIAL)     2442              105              458             5044            15060

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         146              624              157                0               20
            RESIDUAL OIL
                AREA SOURCES          86              944              251                0               22
            DISTILLATE OIL
                AREA SOURCES           1               40               30                0                8
            NATURAL GAS
                AREA SOURCES           0                0               22                8                4
                POINT SOURCES          8                1             1264                4              104
            WOOD
                POINT SOURCES          2                0                0                0                1
            TOTAL (INDUSTRIAL)
                AREA SOURCES         233             1608              460                8               54
                POINT SOURCES         10                1             1264                4              105

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           0                4                0                0                0
            DISTILLATE OIL
                AREA SOURCES           3               94               42                0                9
            NATURAL GAS
                AREA SOURCES           4                0              190                8               38
            TOTAL (COMM-INST)
                AREA SOURCES           7               98              232                8               47

        TOTAL (EXTERNAL COMB)
                AREA SOURCES        2682             1811             1150             5060            15161
                POINT SOURCES         10                1             1264                4              105

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            DISTILLATE OIL           263              245             3681              252              800
```

```
*** CO2 ***                                                                                                    *** CO2 ***
SELECT CARD = <28    085                                                       45>
```

```
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           8011        580        13268        13907       123762
         LIGHT DUTY TRUCKS             4182        425         8407         7806        64078
         HEAVY DUTY VEHICLES           1078        139         4937         3813        62157
         OFF HIGHWAY                     33         11          455         1214        15293
         TOTAL (GASOLINE)             13304       1155        27067        26740       265290

      DIESEL

         HEAVY DUTY VEHICLES           2722       1529        13623         1423         4261
         OFF HIGHWAY                   1756       1373        16529         2522         4996
         RAIL                           255        580         3718          899         1303
         TOTAL (DIESEL)                4733       3482        33870         4844        10560

   AIRCRAFT

      MILITARY                            7          0            4            9           18
      CIVIL                              12          0           85          272         5489
      COMMERCIAL                          2          3           36           32          100
      TOTAL (AIRCRAFT)                   21          3          125          313         5607

   VESSELS

      GASOLINE                            0         13          103         2184         7799
      TOTAL (VESSELS)                     0         13          103         2184         7799

   TOTAL (TRANSPORTATION)             18058       4653        61165        34081       289256

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    1196          0          283         1344         9834
   STRUCTURAL FIRES                     233          0            9          172          941
   GASOLINE STA EVAP LOSS                 0          0            0         4187            0
   SOLVENT EVAPORATION LOSS               0          0            0         9419            0
   UNPAVED ROADS                     836837          0            0            0            0
   UNPAVED AIRSTRIPS                     22          0            0            0            0
   TOTAL (MISCELLANEOUS)             838288          0          292        15122        10775

GRAND TOTAL
***********

   AREA SOURCES                      860608       7183        68536        57711       323640

   POINT SOURCES                      47076      30665        74054        32298         7758

   TOTAL                             907684      37848       142590        90009       331398
```

```
*** C04 ***                                                                                    *** C04 ***
               AREA SOURCES              1592          1237          1390          2504          7567
               POINT SOURCES               76           576          5352            18           400
    TOTAL (FUEL COMBUSTION)

               AREA SOURCES              1592          1237          1390          2504          7567
               POINT SOURCES               76           576          5352            18           400
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                      22             0             0             0             0
    MINERAL PRODUCTS                     1498          2360           617            70            34
    PETROLEUM STORAGE/TRANSPORT             0             0             0           991             0
    TOTAL (INDUSTRIAL)                   1520          2360           617          1061            34
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                  1             0             2             0             0
        TOTAL (GOVERNMENT)                  1             0             2             0             0
    RESIDENTIAL (AREA)

        ON SITE INCINERATION              182             2             4           511          1532
        OPEN BURNING                       80             3            21           107           341
        TOTAL (RESIDENTIAL)               262             5            25           618          1873
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES                 0             0             0             0             1
               POINT SOURCES                1             0             0             0             1
        TOTAL (COMM-INST)
               AREA SOURCES                 0             0             0             0             1
               POINT SOURCES                1             0             0             0             1

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES               262             5            25           618          1874
               POINT SOURCES                2             0             2             0             1
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          5522           174          2647          6225         77413
            LIGHT DUTY TRUCKS            2705           120          1689          3438         42769
            HEAVY DUTY VEHICLES           244            17           496           728         11402
            OFF HIGHWAY                    14             7           153           409          5182
            TOTAL (GASOLINE)             8485           318          4985         10800        136766
        DIESEL

            HEAVY DUTY VEHICLES          1380           523          2409          1066          8336
            OFF HIGHWAY                    74            58           700           106           212
            RAIL                           99           226          1467           357           516
            TOTAL (DIESEL)               1553           807          4576          1529          9064
    AIRCRAFT

        MILITARY                           29             2            15            35            72
```

```
SELECT CARD = <30    149                                                    45>
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:31 NEW JERSEY      AQCR:045 METROPOLITAN PHILADELPHIA    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             9             25              3              9             81
            BITUMINOUS COAL             7             27              0              4             40
            DISTILLATE OIL            219           2539           1587             63            442
            NATURAL GAS                44              8           1499             80            300
            WOOD                     7089             75            561          14716          43735
            TOTAL (RESIDENTIAL)      7368           2674           3650          14870          44598

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          9185          27080          12510             41            357
            RESIDUAL OIL             1490           5110           3431             38            247
            DISTILLATE OIL             47            453            389             19             53
            NATURAL GAS                 4              2           1166              3             85
            TOTAL (ELEC GEN)        10726          32645          17496            101            742

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           4              2             49              7              7
            RESIDUAL OIL
                POINT SOURCES        1166           7202           7632             74            710
            DISTILLATE OIL
                AREA SOURCES           42            425            481             16            113
                POINT SOURCES         157            878            870             27            133
            NATURAL GAS
                AREA SOURCES            4              0            484             86             53
                POINT SOURCES         273            373           3335             63            455
            LIQUID PETROL GAS
                POINT SOURCES           0              1              5              0              1
            OTHER
                POINT SOURCES           6             46             42              1              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES           46            425            965            102            166
                POINT SOURCES        1606           8502          11933            172           1310

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES           71            237             85              0              5
            BITUMINOUS COAL
                AREA SOURCES            2             14              3              0              1
            RESIDUAL OIL
```

```
*** C07 ***                                                                                                      *** C07 ***
          NATURAL GAS
               AREA SOURCES                 24            2             846            39            171
               POINT SOURCES                 1            0             168             1             15
          TOTAL (COMM-INST)
               AREA SOURCES                117         1303            1420            49            335
               POINT SOURCES                 2           16             178             1             18

       TOTAL (EXTERNAL COMB)
               AREA SOURCES               9622         6530            6437         18863          56815
               POINT SOURCES             23595        70108           76641          4237           8891

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                     4            4             271             4              9
          NATURAL GAS                        4            6            1179           460            159
          TOTAL (ELEC GEN)                   8           10            1450           464            168

       INDUSTRIAL FUEL

          DISTILLATE OIL                    14           11             126             9             42
          NATURAL GAS                      406          688           84352         17423          12816
          TOTAL (INDUSTRIAL)               420          699           84478         17432          12858

       TOTAL (INTERNAL COMB)               428          709           85928         17896          13026

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES               9622         6530            6437         18863          56815
               POINT SOURCES             24023        70817          162569         22133          21917
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 128        33865              74             0              0
    FOOD/AGRICULTURAL                       15            0               0             0              0
    PRIMARY METAL                         2581        76106               0             0              0
    SECONDARY METALS                         4           22               0             0            155
    MINERAL PRODUCTS                     10287        20280            5502           265             98
    PETROLEUM INDUSTRY                     533        29741            2006           136            791
    ORGANIC SOLVENT EVAPORATION              2            0               0             7              0
    PETROLEUM STORAGE/TRANSPORT              0            0               0         24444              0
    METAL FABRICATION                       20            0               0             4              0
    OTHER/NOT CLASSIFIED                     7         1468               3             0              5
    TOTAL (INDUSTRIAL)                   13577       161482            7585         24856           1049
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION                2            0               0             2              3
       OPEN BURNING                          9            1               3            17             48
       TOTAL (GOVERNMENT)                   11            1               3            19             51

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                280            2               6           785           2359
       OPEN BURNING                       1313           47             339          1777           5632
       TOTAL (RESIDENTIAL)                1593           49             345          2562           7991

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                 63           17              31            39             94
```

```
*** C08 ***                                                                                   *** C08 ***
SELECT CARD = <32    153                                                        45>
```

```
    VESSELS

        GASOLINE                            0           1           6         149         529
        TOTAL (VESSELS)                     0           1           6         149         529

    TOTAL (TRANSPORTATION)               4751         916        8220        7822       86169

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      577           5         135         651        4746
    FOREST MANAGED BURNING                241           2          48         172        1350
    STRUCTURAL FIRES                       35           0           3          25         140
    GASOLINE STA EVAP LOSS                  0           0           0         816           0
    SOLVENT EVAPORATION LOSS                0           0           0         910           0
    UNPAVED ROADS                      104214           0           0           0           0
    UNPAVED AIRSTRIPS                      18           0           0           0           0
    TOTAL (MISCELLANEOUS)              105085           7         186        2574        6236

GRAND TOTAL
***********

    AREA SOURCES                       110595        1065        8718       11937       97026

    POINT SOURCES                         139        2487        5385         340        2104

    TOTAL                              110734        3552       14103       12277       99130
```

```
*** C10 ***                                                                                  *** C10 ***
SELECT CARD = <33    158                                                    45>
```

```
*** C11 ***
            POINT SOURCES                  4            1            0            5            7    *** C11 ***
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                1481          106          378         2154         6599
            POINT SOURCES                154           19           15          116          167
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           29712         1353        29405        33039       324820
         LIGHT DUTY TRUCKS              5407          347         7099         7751        66509
         HEAVY DUTY VEHICLES             987           93         2952         3210        50962
         OFF HIGHWAY                      81           42          895         2380        30091
         TOTAL (GASOLINE)              36187         1835        40351        46380       472382

      DIESEL

         HEAVY DUTY VEHICLES            2175          999         9046         1168         3576
         OFF HIGHWAY                     182          145         1726          262          521
         RAIL                             63          142          922          224          324
         TOTAL (DIESEL)                 2420         1286        11694         1654         4421
   AIRCRAFT

      MILITARY                           101            6           52          119          247
      CIVIL                               11            6           53          165         3297
      COMMERCIAL                          14           32          329          292          906
      TOTAL (AIRCRAFT)                   126           44          434          576         4450
   VESSELS

      DIESEL FUEL                         59           74          548          137          190
      RESIDUAL OIL                        23          298           49            3            2
      GASOLINE                             0           13           66         1445         5156
      TOTAL (VESSELS)                     82          385          663         1585         5368

   TOTAL (TRANSPORTATION)              38815         3550        53142        50195       486601
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     1055            9          249         1193         8701
   STRUCTURAL FIRES                      479            0           45          358         1951
   GASOLINE STA EVAP LOSS                  0            0            0         6696            0
   SOLVENT EVAPORATION LOSS                0            0            0        20740            0
   UNPAVED ROADS                       14935            0            0            0            0
   UNPAVED AIRSTRIPS                     139            0            0            0            0
   TOTAL (MISCELLANEOUS)               16608            9          294        28987        10652
GRAND TOTAL
***********

   AREA SOURCES                        70387         6189        59324       109052       586315

   POINT SOURCES                       20128       196039        45008         4163         3877

   TOTAL                               90515       202228       104332       113215       590192
```

COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	462	1669	366	9	218
POINT SOURCES	40	67	20	1	16
RESIDUAL OIL					
POINT SOURCES	308	4389	854	14	73
DISTILLATE OIL					
POINT SOURCES	11	207	120	1	30
NATURAL GAS					
AREA SOURCES	27	3	1327	62	262
POINT SOURCES	0	0	26	0	6
TOTAL (COMM-INST)					
AREA SOURCES	489	1672	1693	71	480
POINT SOURCES	359	4663	1020	16	125
TOTAL (EXTERNAL COMB)					
AREA SOURCES	57131	19538	29209	115215	336234
POINT SOURCES	87325	588328	305900	3707	14922
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	10	98	222	15	50
NATURAL GAS	2	0	178	6	51
TOTAL (ELEC GEN)	12	98	400	21	101
INDUSTRIAL FUEL					
DISTILLATE OIL	0	1	17	1	4
TOTAL (INDUSTRIAL)	0	1	17	1	4
TOTAL (INTERNAL COMB)	12	99	417	22	105
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	57131	19538	29209	115215	336234
POINT SOURCES	87337	588427	306317	3729	15027
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	2223	15317	1649	34426	11139
FOOD/AGRICULTURAL	4500	56	15	190	3
PRIMARY METAL	644	1405	41	22	11395
SECONDARY METALS	534	269	19	62	4594
MINERAL PRODUCTS	34624	6988	3111	773	246
WOOD PRODUCTS	31361	11537	2216	479	86637
ORGANIC SOLVENT EVAPORATION	3	0	9	50396	2
PETROLEUM STORAGE/TRANSPORT	0	0	0	9114	0
METAL FABRICATION	6	0	0	96	0
TEXTILE MANUFACTURING	518	831	201	5640	15
OTHER/NOT CLASSIFIED	34	6094	0	2425	0
TOTAL (INDUSTRIAL)	74447	42497	7261	103623	114031
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	13	11	14	7	159
OTHER INCINERATION	91	1	6	30	127
TOTAL (GOVERNMENT)	104	12	20	37	286
RESIDENTIAL (AREA)					

```
         LIGHT DUTY VEHICLES          17472        798        17531        20275        192724
         LIGHT DUTY TRUCKS             3942        252         5137         5642         46926
         HEAVY DUTY VEHICLES           1701        153         4903         5495         87069
         OFF HIGHWAY                     56         30          622         1654         20914
         TOTAL (GASOLINE)             23171       1233        28193        33066        347633

      DIESEL

         HEAVY DUTY VEHICLES           2437       1146        10352         1305          3991
         OFF HIGHWAY                    173        135         1623          246           489
         RAIL                            89        201         1304          318           459
         TOTAL (DIESEL)                2699       1482        13279         1869          4939

    AIRCRAFT

      MILITARY                           34          2           18           40            83
      CIVIL                               6          1           32           95          1920
      COMMERCIAL                         16         37          387          343          1065
      TOTAL (AIRCRAFT)                   56         40          437          478          3068

    VESSELS

      GASOLINE                            0          0            4           87           314
      TOTAL (VESSELS)                     0          0            4           87           314

    TOTAL (TRANSPORTATION)            25926       2755        41913        35500        355954

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    535          2          124          603          4395
    FOREST MANAGED BURNING             1333         10          268          952          7454
    AGRICULTURAL BURNING               1417          0          202         1306          9417
    STRUCTURAL FIRES                    263          0           27          197          1073
    GASOLINE STA EVAP LOSS                0          0            0         5728             0
    SOLVENT EVAPORATION LOSS              0          0            0        17161             0
    UNPAVED ROADS                     57858          0            0            0             0
    TOTAL (MISCELLANEOUS)             61406         12          621        25947         22339

GRAND TOTAL
***********

    AREA SOURCES                     102124       6118        48684        89492        461022

    POINT SOURCES                     41132     106827        71091         6837         14695

    TOTAL                            143256     112945       119775        96329        475717
```

AREA SOURCES	36	126	146	6	40
POINT SOURCES	50	656	125	2	11
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4103	1417	2258	8297	24159
POINT SOURCES	5353	74607	25142	425	1765
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	11	31	2	7
TOTAL (ELEC GEN)	1	11	31	2	7
TOTAL (INTERNAL COMB)	1	11	31	2	7
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4103	1417	2258	8297	24159
POINT SOURCES	5354	74618	25173	427	1772
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	1077	1357	695	32459	10560
FOOD/AGRICULTURAL	603	0	0	0	0
SECONDARY METALS	130	9	1	0	1457
MINERAL PRODUCTS	1799	2469	635	26	13
WOOD PRODUCTS	3420	4774	1391	334	19069
ORGANIC SOLVENT EVAPORATION	0	0	0	1983	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1673	0
TEXTILE MANUFACTURING	26	0	0	81	0
OTHER/NOT CLASSIFIED	0	5065	0	1807	0
TOTAL (INDUSTRIAL)	7055	13674	2722	38363	31099
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	13	11	14	7	159
TOTAL (GOVERNMENT)	13	11	14	7	159
RESIDENTIAL (AREA)					
ON SITE INCINERATION	172	0	5	486	1461
OPEN BURNING	2080	75	532	2807	8901
TOTAL (RESIDENTIAL)	2252	75	537	3293	10362
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	29	8	14	16	44
POINT SOURCES	1	1	1	1	4
OPEN BURNING					
AREA SOURCES	4	0	0	8	16
TOTAL (COMM-INST)					
AREA SOURCES	33	8	14	24	60
POINT SOURCES	1	1	1	1	4
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	77	16	16	69	107
POINT SOURCES	233	308	471	79	65
OPEN BURNING					

```
                                NATIONAL EMISSIONS DATA SYSTEM
                                ******************************

                                ENVIRONMENTAL PROTECTION AGENCY
                                *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                  RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:35 NORTH DAKOTA    AQCR:172 NORTH DAKOTA              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          BITUMINOUS COAL            86             172              14              57             513
          DISTILLATE OIL             41             555             348               8              96
          NATURAL GAS                10               1             545              25             106
          WOOD                      583               6              47            1211            3600
          TOTAL (RESIDENTIAL)       720             736             954            1301            4315

       ELEC GENERATION (POINT)

          LIGNITE                 16487           87130           85119             478            5057
          DISTILLATE OIL              0              43              41               0               9
          NATURAL GAS                 0               0               1               0               0
          TOTAL (ELEC GEN)        16487           87173           85161             478            5066

       INDUSTRIAL FUEL

          BITUMINOUS COAL
             AREA SOURCES          2428            5898            2933               8             376
          LIGNITE
             POINT SOURCES          691            1149             383               4             319
          RESIDUAL OIL
             AREA SOURCES            68             898             205               0              18
             POINT SOURCES          191            2552             676              26              65
          DISTILLATE OIL
             AREA SOURCES            40             452             510              15             120
             POINT SOURCES            1              12               5               0               1
          NATURAL GAS
             AREA SOURCES            12               2           12901            5155            1756
             POINT SOURCES            3               0             315              12              36
          PROCESS GAS
             POINT SOURCES            0             284               7               2               2
          TOTAL (INDUSTRIAL)
             AREA SOURCES          2548            7250           16549            5178            2270
             POINT SOURCES          886            3997            1386              44             423

       COMM-INSTITUTIONAL FUEL

          BITUMINOUS COAL
             AREA SOURCES           470             738             247               8             147
          LIGNITE
             POINT SOURCES          654             286             103               3              71
          RESIDUAL OIL
             AREA SOURCES             9             196              47               0               2
             POINT SOURCES            2              36               9               0               0
```

```
*** C16 ***                                                                                          *** C16 ***
                 AREA SOURCES                 1            24            16             0             5
             NATURAL GAS
                 AREA SOURCES                 2             0            88             5            17
             TOTAL (COMM-INST)
                 AREA SOURCES                 6            36           108             5            22
                 POINT SOURCES              129           645            99             4            13

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES              3806           226          1152          7975         23466
                 POINT SOURCES            23318        638986        181630          2455          8159

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                   8             7           117             9            25
             TOTAL (ELEC GEN)                 8             7           117             9            25

         TOTAL (INTERNAL COMB)                8             7           117             9            25

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              3806           226          1152          7975         23466
                 POINT SOURCES            23326        638993        181747          2464          8184

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   5             0             0             0             0
     FOOD/AGRICULTURAL                       10             0             0             0             0
     PRIMARY METAL                         5457          3095            18          2198          1054
     SECONDARY METALS                       582            94            10             0          1300
     MINERAL PRODUCTS                      1791          1305           291             6             6
     PETROLEUM STORAGE/TRANSPORT             28             0             0           123             0
     OTHER/NOT CLASSIFIED                     0            53             0             0             0
     TOTAL (INDUSTRIAL)                    7873          4547           319          2327          2360

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION               154             2             5           437          1310
         OPEN BURNING                       225             8            57           304           962
         TOTAL (RESIDENTIAL)                379            10            62           741          2272

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES                38            11            18            22            52
         OPEN BURNING
                 AREA SOURCES                 1             0             0             2             4
         TOTAL (COMM-INST)
                 AREA SOURCES                39            11            18            24            56

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES                 8             2             2             8            12
         OPEN BURNING
                 AREA SOURCES                 8             0             4            13            45
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                16             2             6            21            57

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES               434            23            86           786          2385
```

```
*** C17 ***                                                                                              *** C17 ***
SELECT CARD = <36    175                                                  45>
```

```
          POINT SOURCES                568          8         56          8          0
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         13328        471      10050      12901     137441
         LIGHT DUTY TRUCKS            2475        121       2503       3180      29425
         HEAVY DUTY VEHICLES           579         45       1400       1822      28614
         OFF HIGHWAY                    42         23        472       1256      15877
         TOTAL (GASOLINE)            16424        660      14425      19159     211357

      DIESEL

         HEAVY DUTY VEHICLES          2910       1205      11024       1581       4885
         OFF HIGHWAY                   229        180       2162        330        653
         RAIL                          213        485       3141        762       1104
         TOTAL (DIESEL)               3352       1870      16327       2673       6642

   AIRCRAFT

      MILITARY                          32          2         16         38         77
      CIVIL                              5          2         20         60       1213
      COMMERCIAL                         2          6         57         51        158
      TOTAL (AIRCRAFT)                  39         10         93        149       1448

   VESSELS

      DIESEL FUEL                        0          0          1          0          0
      RESIDUAL OIL                       1          9          1          0          0
      GASOLINE                           0         14         76       1656       5901
      TOTAL (VESSELS)                    1         23         78       1656       5901

   TOTAL (TRANSPORTATION)            19816       2563      30923      23637     225348
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     14          0          3         16        116
   STRUCTURAL FIRES                    181          0         17        136        738
   GASOLINE STA EVAP LOSS                0          0          0       2758          0
   SOLVENT EVAPORATION LOSS              0          0          0      11935          0
   UNPAVED ROADS                     29387          0          0          0          0
   UNPAVED AIRSTRIPS                    66          0          0          0          0
   TOTAL (MISCELLANEOUS)             29648          0         20      14845        854
GRAND TOTAL
***********

   AREA SOURCES                      53756       3214      37202      48045     251881

   POINT SOURCES                     33837     135901      30171      11298      43034

   TOTAL                             87593     139115      67373      59343     294915
```

```
            TOTAL (INDUSTRIAL)                263          245          3681          252          800

        TOTAL (INTERNAL COMB)                 263          245          3681          252          800

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                2682         1811          1150         5060        15161
                 POINT SOURCES                273          246          4945          256          905

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     43         3852             0          131            0
    PRIMARY METAL                             741       143614             0            0        43450
    MINERAL PRODUCTS                         6042         4012          3000          118          362
    WOOD PRODUCTS                              55            0             0            0            0
    OTHER/NOT CLASSIFIED                       16         1278             0            0            0
    TOTAL (INDUSTRIAL)                       6897       152756          3000          249        43812

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  180            3             4          506         1523
        OPEN BURNING                          271           10            69          366         1160
        TOTAL (RESIDENTIAL)                   451           13            73          872         2683

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 315            6            52          581         6864
        OPEN BURNING
                AREA SOURCES                    4            0             2            6           20
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    4            0             2            6           20
                POINT SOURCES                 315            6            52          581         6864

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  455           13            75          878         2703
                POINT SOURCES                 315            6            52          581         6864

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              2737          114          1963         4341        54812
            LIGHT DUTY TRUCKS                1642          100          1532         2980        37916
            HEAVY DUTY VEHICLES               122            9           371          400         6364
            OFF HIGHWAY                        12            6           138          369         4642
            TOTAL (GASOLINE)                 4513          229          4004         8090       103734

        DIESEL

            HEAVY DUTY VEHICLES               763          353          3198          408         1253
            OFF HIGHWAY                       134          105          1255          192          379
            RAIL                              180          410          2666          647          936
            TOTAL (DIESEL)                   1077          868          7119         1247         2568

    AIRCRAFT

        MILITARY                               55            4            28           64          133
        CIVIL                                   2            1            15           54         1073
```

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*** D02 ***
                                                                                                    *** D02 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                             RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:28 NEBRASKA        AQCR:085 METROPOLITAN OMAHA-COUNCIL BLU   AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES      SOX            NOX            VOC            CO
                             ************  ************   ************   ************   ************
                              TONS / YR     TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               1             3              0              4             10
         DISTILLATE OIL                4            46             28              3              8
         NATURAL GAS                  24             5            797             76            160
         WOOD                         27             0              2              2            164
         TOTAL (RESIDENTIAL)          56            54            827             85            342

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1731         16991           9440             32            269
         DISTILLATE OIL                0             3              2              0              0
         NATURAL GAS                   0             0             48              0              3
         TOTAL (ELEC GEN)           1731         16994           9490             32            272

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             237          1483            738             36             95
         RESIDUAL OIL
            AREA SOURCES               3            40              9              4              1
            POINT SOURCES              3            36              9              0              1
         DISTILLATE OIL
            AREA SOURCES               4            37             42              1             10
            POINT SOURCES              1            34             10              0              3
         NATURAL GAS
            AREA SOURCES              16             3           3278             37            411
            POINT SOURCES              5             1            557              4             65
         OTHER
            POINT SOURCES              1             9             19              1              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES             260          1563           4067             78            517
            POINT SOURCES             10            80            595              5             73

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               9            39             13              0              7
         RESIDUAL OIL
            AREA SOURCES               2            26              6              3              1
            POINT SOURCES              0             3              1              0              0
         DISTILLATE OIL
            AREA SOURCES              11           150            105             14             26
            POINT SOURCES              1            19             10              0              2
         NATURAL GAS
```

```
*** D03 ***                                                                    *** D03 ***
SELECT CARD = <29                                                  25>
```

```
          CIVIL                                  6            3           27           84         1658
          COMMERCIAL                            12           29          297          263          817
          TOTAL (AIRCRAFT)                      47           34          339          382         2547

      VESSELS

          GASOLINE                               0            4           24          549         1956
          TOTAL (VESSELS)                        0            4           24          549         1956

      TOTAL (TRANSPORTATION)                 10085         1163         9924        13260       150333

  MISCELLANEOUS (AREA)
  *********************

      FOREST WILDFIRES                        4689           42         1103         5295        38612
      FOREST MANAGED BURNING                   834            6          166          596         4670
      STRUCTURAL FIRES                          47            0            3           34          189
      GASOLINE STA EVAP LOSS                     0            0            0         1520            0
      SOLVENT EVAPORATION LOSS                   0            0            0         3838            0
      UNPAVED ROADS                         130169            0            0            0            0
      UNPAVED AIRSTRIPS                         20            0            0            0            0
      TOTAL (MISCELLANEOUS)                 135759           48         1272        11283        43471

  GRAND TOTAL
  ***********

      AREA SOURCES                          147698         2453        12611        27665       203245

      POINT SOURCES                           1598         2936         5971         1079          435

      TOTAL                                 149296         5389        18582        28744       203680
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*** D05 ***
                                                                                                   *** D05 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                            RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:30 NEW HAMPSHIRE   AQCR:149 NEW HAMPSHIRE           AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:  MONDAY      JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                1              1              0              1              6
         DISTILLATE OIL                21            244            152              6             42
         NATURAL GAS                    1              0             32              2              6
         WOOD                        1641             17            130           3408          10131
         TOTAL (RESIDENTIAL)         1664            262            314           3417          10185
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                0              1              1              0              0
         RESIDUAL OIL
            AREA SOURCES                2             17              4              0              0
            POINT SOURCES              12            169             77              0              3
         DISTILLATE OIL
            AREA SOURCES                2             25             28              1              7
            POINT SOURCES               0             15              2              0              0
         NATURAL GAS
            AREA SOURCES                0              0             12              0              3
         COKE
            AREA SOURCES                0              1              0              0              0
         WOOD
            POINT SOURCES              45              1              9             11             25
         TOTAL (INDUSTRIAL)
            AREA SOURCES                4             44             45              1             10
            POINT SOURCES              57            185             88             11             28
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                3             11              4              0              0
         RESIDUAL OIL
            AREA SOURCES               14            176             41              1              4
            POINT SOURCES              28            580             86              1              7
         DISTILLATE OIL
            AREA SOURCES                3             34             24              0              6
         NATURAL GAS
            AREA SOURCES                0              0             20              1              4
         TOTAL (COMM-INST)
            AREA SOURCES               20            221             89              2             14
            POINT SOURCES              28            580             86              1              7
```

```
*** D06 ***                                                                                              *** D06 ***
            AREA SOURCES                 359           1520           1051             21             96
            POINT SOURCES                 59            748            301              3             22
        DISTILLATE OIL
            AREA SOURCES                  53            744            517              8            130
            POINT SOURCES                 27            182            145              5             33
        NATURAL GAS
            AREA SOURCES                   4              0            169              8             34
        OTHER
            POINT SOURCES                 14             12            143              7             29
        TOTAL (COMM-INST)
            AREA SOURCES                 489           2515           1825             37            266
            POINT SOURCES                100            942            589             15             84

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                7903           5614    6[illegible]0          15009          45030
            POINT SOURCES              12432          42089   30[illegible]16            288           2136

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                   453            406            469             21             74
        NATURAL GAS                        4              0            647              9             74
        TOTAL (ELEC GEN)                 457            406           1116             30            148

    TOTAL (INTERNAL COMB)                457            406           1116             30            148

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                7903           5614           6440          15009          45030
            POINT SOURCES              12889          42495          31134            318           2284

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              46420           7181            976          24831           4861
   FOOD/AGRICULTURAL                    1449              0             17             58              9
   PRIMARY METAL                         282             77              0            106            313
   SECONDARY METALS                      524            886             11             42           8888
   MINERAL PRODUCTS                     8261           2569            316            732             77
   PETROLEUM INDUSTRY                    356           7037            214            225            281
   WOOD PRODUCTS                        1163              0              0             20              0
   ORGANIC SOLVENT EVAPORATION          1042              0              0          26353              0
   PETROLEUM STORAGE/TRANSPORT           232              0              1          33914              0
   METAL FABRICATION                     272              0             96            121              0
   TEXTILE MANUFACTURING                  26              0              0              1              0
   OTHER/NOT CLASSIFIED                 1365              1              0            463              0
   TOTAL (INDUSTRIAL)                  61392          17751           1631          86866          14429
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       OTHER INCINERATION                  4             20            102             20              0
       TOTAL (GOVERNMENT)                  4             20            102             20              0

   RESIDENTIAL (AREA)

       ON SITE INCINERATION              235              2              8            661           1981
       OPEN BURNING                      925             34            236           1245           3952
       TOTAL (RESIDENTIAL)              1160             36            244           1906           5933

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
```

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*** D07 ***                                                                                          *** D07 ***
      OPEN BURNING
            AREA SOURCES                 47            1           15           93          238
      TOTAL (COMM-INST)
            AREA SOURCES                110           18           46          132          332

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                 30            2            2           29           52
            POINT SOURCES               297           10           63          677         8011
      OPEN BURNING
            AREA SOURCES                 20            0            9           31          105
      TOTAL (INDUSTRIAL)
            AREA SOURCES                 50            2           11           60          157
            POINT SOURCES               297           10           63          677         8011

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               1753           69          402         2754         8480
            POINT SOURCES               308           11           66          696         8062

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          27375          988        16003        36100       455075
         LIGHT DUTY TRUCKS            13775          740        10803        20317       254725
         HEAVY DUTY VEHICLES           1337          104         2086         5301       104021
         OFF HIGHWAY                     69           35          781         2075        26231
         TOTAL (GASOLINE)             42556         1867        29673        63793       840052

      DIESEL

         HEAVY DUTY VEHICLES           7164         2974        13954         7834        19354
         OFF HIGHWAY                   1779         1395        16747         2553         5058
         RAIL                          1224         2790        18096         4394         6360
         TOTAL (DIESEL)               10167         7159        48797        14781        30772

   AIRCRAFT

      MILITARY                         1130           72          580         1329         2743
      CIVIL                              13            6           71          218         4372
      COMMERCIAL                         22           52          544          482         1496
      TOTAL (AIRCRAFT)                 1165          130         1195         2029         8611

   VESSELS

      GASOLINE                            0            6           44          988         3523
      TOTAL (VESSELS)                     0            6           44          988         3523

   TOTAL (TRANSPORTATION)             53888         9162        79709        81591       882958

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    1010            6          237         1137         8318
   FOREST MANAGED BURNING              4072           31          814         2911        22798
   STRUCTURAL FIRES                     341            0           29          254         1381
   GASOLINE STA EVAP LOSS                 0            0            0         7296            0
   SOLVENT EVAPORATION LOSS               0            0            0        12920            0
   UNPAVED ROADS                    1181962            0            0            0            0
   UNPAVED AIRSTRIPS                    218            0            0            0            0
   TOTAL (MISCELLANEOUS)            1187603           37         1080        24518        32497
```

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*** D08 ***
                                                                                              *** D08 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                      RUN DATE:      MONDAY  NOVEMBER 28, 1983
                                                     AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:32 NEW MEXICO      AQCR:153 EL PASO-LAS CRUCES-ALAMOGORDO                 POINT EMISSIONS AS OF:      MONDAY      JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             0              5              2              0              1
         NATURAL GAS                4              1            169              9             34
         WOOD                     481              5             38            998           2966
         TOTAL (RESIDENTIAL)      485             11            209           1007           3001

      ELEC GENERATION (POINT)

         RESIDUAL OIL              10             94             20              0              1
         NATURAL GAS               18              4           2337              9            245
         TOTAL (ELEC GEN)          28             98           2357              9            246

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES           27            287             77              0              7
         DISTILLATE OIL
            AREA SOURCES            8            103             78              3             18
         NATURAL GAS
            AREA SOURCES            1              0             63              1             16
         TOTAL (INDUSTRIAL)
            AREA SOURCES           36            390            218              4             41

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES            2              0             76              3             16
         TOTAL (COMM-INST)
            AREA SOURCES            2              0             76              3             16

      TOTAL (EXTERNAL COMB)
            AREA SOURCES          523            401            503           1014           3058
            POINT SOURCES          28             98           2357              9            246
   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS               17             33           3004           1149            441
         TOTAL (INDUSTRIAL)        17             33           3004           1149            441

      TOTAL (INTERNAL COMB)        17             33           3004           1149            441

   TOTAL (FUEL COMBUSTION)
```

```
*** D09 ***                                                                                                            *** D09 ***
SELECT CARD = <32    157                                                                   45>
```

```
*** D10 ***                                                                                               *** D10 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         *******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         ********************************

STATE/AQCR EMISSIONS REPORT
****************************                                                 RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK       AQCR:158 CENTRAL NEW YORK                AREA EMISSIONS AS OF:    TUESDAY NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                           PARTICULATES       SOX            NOX            VOC            CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             10             24              2             10             82
         BITUMINOUS COAL              7             28              0              4             39
         DISTILLATE OIL              64            734            459             18            127
         NATURAL GAS                 67             15           2205            116            441
         WOOD                      5986             63            473          12426          36932
         TOTAL (RESIDENTIAL)       6134            864           3139          12576          37621

      ELEC GENERATION (POINT)

         RESIDUAL OIL              2800          41477          10104            115            754
         TOTAL (ELEC GEN)          2800          41477          10104            115            754

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES             9             23              3              3             84
         BITUMINOUS COAL
            POINT SOURCES         37492          33806           8851             32            756
         RESIDUAL OIL
            POINT SOURCES          2766          38048           6853             39            619
         DISTILLATE OIL
            POINT SOURCES            28           2498            191              1             48
         NATURAL GAS
            AREA SOURCES              5              0            647            141             75
            POINT SOURCES            12              2            740             18             97
         WOOD
            POINT SOURCES           400              9            131            243            268
         TOTAL (INDUSTRIAL)
            AREA SOURCES              5              0            647            141             75
            POINT SOURCES         40707          74386          16769            336           1872

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            POINT SOURCES           124           1208            154              1              9
         BITUMINOUS COAL
            AREA SOURCES              2             11              2              0              1
            POINT SOURCES          1499           1971            350              7            174
         RESIDUAL OIL
            POINT SOURCES           734           9520           1700             35            155
         DISTILLATE OIL
```

```
*** D11 ***                                                                                    *** D11 ***
SELECT CARD = <33    162                                                     45>
```

```
        ON SITE INCINERATION                254            0            6          719         2155
        OPEN BURNING                      12430          454         3179        16771        53182
        TOTAL (RESIDENTIAL)               12684          454         3185        17490        55337

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                742          226          350          429         1021
                POINT SOURCES                22           12           14           16           41
        OPEN BURNING
                AREA SOURCES                 16            0            0           32           64
        TOTAL (COMM-INST)
                AREA SOURCES                758          226          350          461         1085
                POINT SOURCES                22           12           14           16           41

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                472           93           93          426          644
                POINT SOURCES               243          315          486           90          101
        OPEN BURNING
                AREA SOURCES                269            2           94          454         1589
        TOTAL (INDUSTRIAL)
                AREA SOURCES                741           95          187          880         2233
                POINT SOURCES               243          315          486           90          101

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              14183          775         3722        18831        58655
                POINT SOURCES               369          339          520          143          428
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           85976         4289        94002       103719       963982
            LIGHT DUTY TRUCKS             21048         1519        31106        32395       260192
            HEAVY DUTY VEHICLES            6713          660        21484        22097       352056
            OFF HIGHWAY                     348          187         3896        10352       130871
            TOTAL (GASOLINE)             114085         6655       150488       168563      1707101

        DIESEL

            HEAVY DUTY VEHICLES           15814         7386        66830         8478        25919
            OFF HIGHWAY                     979          770         9262         1411         2792
            RAIL                            487         1099         7110         1730         2503
            TOTAL (DIESEL)                17280         9255        83202        11619        31214
    AIRCRAFT

        MILITARY                           2804          180         1440         3296         6806
        CIVIL                                35           13          190          583        11734
        COMMERCIAL                           74          169         1754         1553         4829
        TOTAL (AIRCRAFT)                   2913          362         3384         5432        23369

    VESSELS

        DIESEL FUEL                          36           43          333           81          116
        RESIDUAL OIL                         28          364           59            4            2
        GASOLINE                              0           66          402         8908        31763
        TOTAL (VESSELS)                      64          473          794         8993        31881

    TOTAL (TRANSPORTATION)               134342        16745       237868       194607      1793565
```

```
SELECT CARD = <34    167                                                        45>
```

```
*** D14 ***                                                                                      *** D14 ***
              AREA SOURCES                    63          1         21         106         370
     TOTAL (INDUSTRIAL)
              AREA SOURCES                   140         17         37         175         477
              POINT SOURCES                  233        308        471          79          65

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  2425        100        588        3492       10899
              POINT SOURCES                  247        320        486          87         228
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES                8936        467      10107       10747       99294
         LIGHT DUTY TRUCKS                  2213        162       3307        3355       26856
         HEAVY DUTY VEHICLES                 677         70       2288        2244       35872
         OFF HIGHWAY                          31         15        337         895       11311
         TOTAL (GASOLINE)                  11857        714      16039       17241      173333

      DIESEL

         HEAVY DUTY VEHICLES                 960        476       4288         513        1553
         OFF HIGHWAY                          92         74        885         134         265
         RAIL                                 55        126        814         197         287
         TOTAL (DIESEL)                     1107        676       5987         844        2105
   AIRCRAFT

      MILITARY                              1442         93        740        1695        3500
      CIVIL                                    4          2         21          66        1355
      COMMERCIAL                               5         11        121         106         333
      TOTAL (AIRCRAFT)                      1451        106        882        1867        5188
   VESSELS

      DIESEL FUEL                             22         26        199          48          69
      RESIDUAL OIL                            28        364         59           4           2
      GASOLINE                                 0         18        107        2342        8347
      TOTAL (VESSELS)                         50        408        365        2394        8418

   TOTAL (TRANSPORTATION)                  14465       1904      23273       22346      189044
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         3525         30        829        3982       29027
   FOREST MANAGED BURNING                   1506         13        301        1075        8429
   AGRICULTURAL BURNING                      950          0        133         878        6314
   STRUCTURAL FIRES                          167          0         14         124         678
   GASOLINE STA EVAP LOSS                      0          0          0        2636           0
   SOLVENT EVAPORATION LOSS                    0          0          0        8812           0
   UNPAVED ROADS                           53996          0          0           0           0
   UNPAVED AIRSTRIPS                           2          0          0           0           0
   TOTAL (MISCELLANEOUS)                   60146         43       1277       17507       44448
GRAND TOTAL
***********

   AREA SOURCES                            81139       3464      27396       51642      268550

   POINT SOURCES                           12656      88612      28381       38877       33099

   TOTAL                                   93795      92076      55777       90519      301649
```

```
*** D15 ***                                                                                              *** D15 ***
          DISTILLATE OIL
              AREA SOURCES                  18            340            235              0             56
              POINT SOURCES                  0             55              7              0              1
          NATURAL GAS
              AREA SOURCES                   5              0            338             12             62
              POINT SOURCES                  1              0             63              1             15
          TOTAL (COMM-INST)
              AREA SOURCES                 502           1274            867             20            267
              POINT SOURCES                657            377            182              4             87

       TOTAL (EXTERNAL COMB)
              AREA SOURCES                3770           9258          18370           6499           6852
              POINT SOURCES              18030          91547          86729            526           5576

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          NATURAL GAS                        0              0              1              0              0
          TOTAL (ELEC GEN)                   0              0              1              0              0

       INDUSTRIAL FUEL

          NATURAL GAS                        5              0           1874             45            237
          TOTAL (INDUSTRIAL)                 5              0           1874             45            237

       TOTAL (INTERNAL COMB)                 5              0           1875             45            237

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 3770           9258          18370           6499           6852
             POINT SOURCES               18035          91547          88604            571           5813
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  62           5151              0              0              0
    FOOD/AGRICULTURAL                      632              0              0              0              0
    MINERAL PRODUCTS                      1892             13              8             11              6
    PETROLEUM INDUSTRY                     893           2651            581           1027          50342
    PETROLEUM STORAGE/TRANSPORT              0              0              0            310              0
    TOTAL (INDUSTRIAL)                    3479           7815            589           1348          50348
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                588              3             11           1655           4964
       OPEN BURNING                       1485             56            380           2004           6350
       TOTAL (RESIDENTIAL)                2073             59            391           3659          11314

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                   69             18             32             41            113
       TOTAL (COMM-INST)
             AREA SOURCES                   69             18             32             41            113

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                   13              0              0             13             25
       TOTAL (INDUSTRIAL)
             AREA SOURCES                   13              0              0             13             25
```

```
*** D16 ***
TRANSPORTATION (AREA)                                                                                    *** D16 ***
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          3024          176          4054          4183          38152
            LIGHT DUTY TRUCKS             959           77          1660          1610          12826
            HEAVY DUTY VEHICLES           201           24           789           688          11109
            OFF HIGHWAY                    14            9           156           418           5292
            TOTAL (GASOLINE)             4198          286          6659          6899          67379

        DIESEL

            HEAVY DUTY VEHICLES           539          280          2516           286            862
            OFF HIGHWAY                   113           88          1073           163            323
            RAIL                           78          180          1163           283            409
            TOTAL (DIESEL)                730          548          4752           732           1594

    AIRCRAFT

        CIVIL                               0            0             5            16            311
        TOTAL (AIRCRAFT)                    0            0             5            16            311

    VESSELS

        DIESEL FUEL                        13           16           119            29             41
        GASOLINE                            0            1            13           307           1098
        TOTAL (VESSELS)                    13           17           132           336           1139

    TOTAL (TRANSPORTATION)               4941          851         11548          7983          70423

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2379           22           560          2686          19586
    STRUCTURAL FIRES                       58            0             7            43            238
    GASOLINE STA EVAP LOSS                  0            0             0           893              0
    SOLVENT EVAPORATION LOSS                0            0             0          2055              0
    UNPAVED ROADS                       31598            0             0             0              0
    TOTAL (MISCELLANEOUS)               34035           22           567          5677          19824

GRAND TOTAL
***********

    AREA SOURCES                        43216         1122         13353         22421         116098

    POINT SOURCES                       31199       643540        182066          4791          10544

    TOTAL                               74415       644662        195419         27212         126642
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:36 OHIO             AQCR:175 MANSFIELD-MARION                   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES          SOX             NOX             VOC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              0               1               0               0               4
         DISTILLATE OIL              28             333             208              10              58
         NATURAL GAS                 25               4             832              44             167
         WOOD                      4375              46             346            9081           26991
         TOTAL (RESIDENTIAL)       4428             384            1386            9135           27220

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            123            4943             854              12              43
         NATURAL GAS                  0               0               3               0               0
         TOTAL (ELEC GEN)           123            4943             857              12              43

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             POINT SOURCES         3117           22522            1729              75             661
         RESIDUAL OIL
             POINT SOURCES            2              40              13               1               1
         DISTILLATE OIL
             AREA SOURCES            11             115             132               4              30
             POINT SOURCES            1              13               4               0               1
         NATURAL GAS
             AREA SOURCES            14               3            3103             975             394
             POINT SOURCES            1               0              20               1               2
         TOTAL (INDUSTRIAL)
             AREA SOURCES            25             118            3235             979             424
             POINT SOURCES         3121           22575            1766              77             665

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES             7              27              10               0               0
         BITUMINOUS COAL
             POINT SOURCES          826            2649             321              10              63
         DISTILLATE OIL
             AREA SOURCES             3              70              49               0              11
         NATURAL GAS
             AREA SOURCES             8               1             275              14              55
         TOTAL (COMM-INST)
             AREA SOURCES            18              98             334              14              66
             POINT SOURCES          826            2649             321              10              63
```

```
SELECT CARD = <36    179                                                                          45>
STATE 36 COUNTY 4180 NOT FOUND IN POINT FILE
```

```
        COMMERCIAL                        2             5            50            44           137
        TOTAL (AIRCRAFT)                 59            10            93           162          1343

    VESSELS

        GASOLINE                          0             0             4           101           362
        TOTAL (VESSELS)                   0             0             4           101           362

    TOTAL (TRANSPORTATION)             5649          1107         11220          9600        108007

MISCELLANEOUS (AREA)
**********************

    FOREST WILDFIRES                  30549           270          7187         34505        251592
    FOREST MANAGED BURNING            33599           252          6721         24024        188155
    STRUCTURAL FIRES                     49             0             3            35           195
    GASOLINE STA EVAP LOSS                0             0             0          1093             0
    SOLVENT EVAPORATION LOSS              0             0             0          1536             0
    UNPAVED ROADS                    105369             0             0             0             0
    UNPAVED AIRSTRIPS                    23             0             0             0             0
    TOTAL (MISCELLANEOUS)            169589           522         13911         61193        439942

GRAND TOTAL
***********

    AREA SOURCES                     178375          3453         26356         76731        565813

    POINT SOURCES                      7485        153008          7997          1086         51581

    TOTAL                            185860        156461         34353         77817        617394
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```
*** E02 ***                                                                                              *** E02 ***
              AREA SOURCES              22          4         741         39        148
              POINT SOURCES              3          1         187          3         33
          TOTAL (COMM-INST)
              AREA SOURCES              44        219         865         56        182
              POINT SOURCES              4         23         198          3         35

      TOTAL (EXTERNAL COMB)
              AREA SOURCES             360       1836        5759        219       1041
              POINT SOURCES           1745      17097       10283         40        380

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          NATURAL GAS                    1          0          17          1          5
          TOTAL (ELEC GEN)               1          0          17          1          5

      INDUSTRIAL FUEL

          NATURAL GAS                    0          0         119          3         15
          TOTAL (INDUSTRIAL)             0          0         119          3         15

      TOTAL (INTERNAL COMB)              1          0         136          4         20

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES             360       1836        5759        219       1041
              POINT SOURCES           1746      17097       10419         44        400
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             272          0           1          0          0
    FOOD/AGRICULTURAL                 1860          0           1          0          0
    SECONDARY METALS                    81       3493          15          0          3
    MINERAL PRODUCTS                   275         19           9         20         16
    ORGANIC SOLVENT EVAPORATION          0          0           0      10164         10
    PETROLEUM STORAGE/TRANSPORT          0          0           0       5363          0
    TOTAL (INDUSTRIAL)                2488       3512          26      15547         29
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           421          7          13       1185       3555
        OPEN BURNING                   753         28         192       1015       3220
        TOTAL (RESIDENTIAL)           1174         35         205       2200       6775

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              POINT SOURCES              2          4           5          4         15
        TOTAL (COMM-INST)
              POINT SOURCES              2          4           5          4         15

    INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES             21         11          53         12          2
        TOTAL (INDUSTRIAL)
              POINT SOURCES             21         11          53         12          2

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES            1174         35         205       2200       6775
              POINT SOURCES             23         15          58         16         17
```

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*** E03 ***
                                                                                                   *** E03 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE EMISSIONS REPORT
**************************                                            RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 29:NEVADA                                           AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                           PARTICULATES        SOX             NOX             VOC              CO
                           ************    ************    ************    ************    ************
                            TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              4               9               0               4              30
         DISTILLATE OIL               8             169              69               2              20
         NATURAL GAS                 21               3             753              39             149
         WOOD                      2452              25             191            5091           15124
         TOTAL (RESIDENTIAL)       2485             206            1013            5136           15323

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           5846           41979           76428             170            1457
         RESIDUAL OIL                46             563             295               3              22
         DISTILLATE OIL               0               5               7               0               2
         NATURAL GAS                 54              12           10947              28             796
         TOTAL (ELEC GEN)          5946           42559           87677             201            2277

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES           721            1735             861               3             108
             POINT SOURCES          195            1145             587               3             210
         RESIDUAL OIL
             AREA SOURCES             9             124              27               0               2
         DISTILLATE OIL
             AREA SOURCES            12             207             155               5              36
             POINT SOURCES            2              75              21               0               5
         NATURAL GAS
             AREA SOURCES             5               0             293               5              74
             POINT SOURCES            0               0              80               0               9
         PROCESS GAS
             POINT SOURCES            0             320               0               0               0
         TOTAL (INDUSTRIAL)
             AREA SOURCES           747            2066            1336              13             220
             POINT SOURCES          197            1540             688               3             224

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES             1               3               1               0               0
         BITUMINOUS COAL
             AREA SOURCES            32              51              16               0              10
         RESIDUAL OIL
             AREA SOURCES             5              85              18               0               2
             POINT SOURCES            2              14              11               0               1
```

SELECT CARD = <30 25>

```
*** E05 ***                                                                                    *** E05 ***
         TOTAL (EXTERNAL COMB)
                 AREA SOURCES           1688          527          448         3420        10209
                 POINT SOURCES            85          765          174           12           35

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                0            2            3            0            1
             TOTAL (ELEC GEN)              0            2            3            0            1

         TOTAL (INTERNAL COMB)             0            2            3            0            1

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           1688          527          448         3420        10209
                 POINT SOURCES            85          767          177           12           36
INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                     67            1            1            1            1
     ORGANIC SOLVENT EVAPORATION           0            0            0          219            0
     TOTAL (INDUSTRIAL)                   67            1            1          220            1

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         OPEN BURNING                     13            1            5           24           69
         TOTAL (GOVERNMENT)               13            1            5           24           69

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             46            1            1          129          387
         OPEN BURNING                    137            5           36          186          589
         TOTAL (RESIDENTIAL)             183            6           37          315          976

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES             12            4            6            7           17
         TOTAL (COMM-INST)
                 AREA SOURCES             12            4            6            7           17

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES              1            0            0            1            2
         TOTAL (INDUSTRIAL)
                 AREA SOURCES              1            0            0            1            2

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            196           10           43          323          995
                 POINT SOURCES            13            1            5           24           69
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES         947           66         1363         1135        10313
             LIGHT DUTY TRUCKS           335           31          652          558         4358
```

AREA SOURCES	2447	772	1158	1417	3347
POINT SOURCES	37	14	14	9	15
TOTAL (COMM-INST)					
AREA SOURCES	2447	772	1158	1417	3347
POINT SOURCES	37	14	14	9	15
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	80	16	16	73	108
POINT SOURCES	103	22	282	31	35
TOTAL (INDUSTRIAL)					
AREA SOURCES	80	16	16	73	108
POINT SOURCES	103	22	282	31	35
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	3687	824	1418	3396	9388
POINT SOURCES	144	56	398	60	50
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	31667	1024	22023	30658	327208
LIGHT DUTY TRUCKS	4423	198	3941	5325	50263
HEAVY DUTY VEHICLES	1161	85	2572	3613	56469
OFF HIGHWAY	58	32	646	1718	21720
TOTAL (GASOLINE)	37309	1339	29182	41314	455660
DIESEL					
HEAVY DUTY VEHICLES	2681	1071	9836	1461	4530
OFF HIGHWAY	152	118	1427	217	431
RAIL	29	66	430	105	151
TOTAL (DIESEL)	2862	1255	11693	1783	5112
AIRCRAFT					
MILITARY	368	24	189	433	894
CIVIL	7	4	33	98	1979
COMMERCIAL	2	6	58	51	159
TOTAL (AIRCRAFT)	377	34	280	582	3032
VESSELS					
DIESEL FUEL	154	192	1441	361	504
GASOLINE	0	7	35	758	2700
TOTAL (VESSELS)	154	199	1476	1119	3204
TOTAL (TRANSPORTATION)	40702	2827	42631	44798	467008
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	490	5	115	553	4031
FOREST MANAGED BURNING	218	1	44	155	1218
STRUCTURAL FIRES	375	0	36	282	1532
GASOLINE STA EVAP LOSS	0	0	0	5736	0
SOLVENT EVAPORATION LOSS	0	0	0	18827	0
UNPAVED ROADS	6097	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	7182	6	195	25553	6781

GRAND TOTAL
****

AREA SOURCES	1252866	15798	87628	127726	980750
POINT SOURCES	37908	232310	170220	47685	31028
TOTAL	1290774	248108	257848	175411	1011778

```
                AREA SOURCES            523          401          503         1014          3058
                POINT SOURCES            45          131         5361         1158           687

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                    749           14            7           15             8
    TOTAL (INDUSTRIAL)                  749           14            7           15             8

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             39            0            1          110           330
        OPEN BURNING                    185            6           48          251           791
        TOTAL (RESIDENTIAL)             224            6           49          361          1121

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              8            2            3            5            10
        OPEN BURNING
                AREA SOURCES              7            0            2           13            34
        TOTAL (COMM-INST)
                AREA SOURCES             15            2            5           18            44

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              4            0            0            4             7
                POINT SOURCES            30            3           30          324          3835
        OPEN BURNING
                AREA SOURCES              4            0            2            6            20
        TOTAL (INDUSTRIAL)
                AREA SOURCES              8            0            2           10            27
                POINT SOURCES            30            3           30          324          3835

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            247            8           56          389          1192
                POINT SOURCES            30            3           30          324          3835

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        3389          120         1906         4597         58442
            LIGHT DUTY TRUCKS          1615           79         1141         2444         31400
            HEAVY DUTY VEHICLES         135           11          218          539         10597
            OFF HIGHWAY                   7            3           78          206          2596
            TOTAL (GASOLINE)           5146          213         3343         7786        103035

        DIESEL

            HEAVY DUTY VEHICLES         513          217         1002          561          1386
            OFF HIGHWAY                 238          186         2232          340           674
            RAIL                        147          334         2165          525           760
            TOTAL (DIESEL)              898          737         5399         1426          2820

    AIRCRAFT

        MILITARY                        710           46          365          835          1724
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                                                  NATIONAL EMISSIONS DATA SYSTEM
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                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                             RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:32 NEW MEXICO      AQCR:157 UPPER RIO GRANDE VALLEY                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                          POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                      PARTICULATES        SOX             NOX             VOC             CO
                                      ************   ************    ************    ************    ************
                                       TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   2              5               0               1              10
            DISTILLATE OIL                    0              7               3               0               0
            NATURAL GAS                       6              1             169               8              34
            WOOD                           2378             25             187            4939           14680
            TOTAL (RESIDENTIAL)            2386             38             359            4948           14724

        ELEC GENERATION (POINT)

            NATURAL GAS                      24              1            1023               4              27
            TOTAL (ELEC GEN)                 24              1            1023               4              27

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES                 17            177              47               0               4
            DISTILLATE OIL
                AREA SOURCES                  5             79              59               1              14
            NATURAL GAS
                AREA SOURCES                  1              0              51               1              12
            WOOD
                POINT SOURCES                18             15              98             685             587
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 23            256             157               2              30
                POINT SOURCES                18             15              98             685             587

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                AREA SOURCES                  3              0              94               4              20
            TOTAL (COMM-INST)
                AREA SOURCES                  3              0              94               4              20

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               2412            294             610            4954           14774
                POINT SOURCES                42             16            1121             689             614
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               2412            294             610            4954           14774
                POINT SOURCES                42             16            1121             689             614
INDUSTRIAL PROCESS (POINT)
**************************
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*** E10 ***
              POINT SOURCES            24          1324          105           1          25      *** E10 ***
          NATURAL GAS
              AREA SOURCES             11             1          396          21          80
              POINT SOURCES             1             0           52           1          12
          TOTAL (COMM-INST)
              AREA SOURCES             13            12          398          21          81
              POINT SOURCES          2382         14023         2361          45         375

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           6152           876         4184       12736       37777
              POINT SOURCES         45889        129886        29234         496        3001

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           6152           876         4184       12736       37777
              POINT SOURCES         45889        129886        29234         496        3001

INDUSTRIAL PROCESS (POINT)
**************************

    ORGANIC SOLVENT EVAPORATION         0             0            0           8           0
    OTHER/NOT CLASSIFIED             1825             0           16        1090           2
    TOTAL (INDUSTRIAL)               1825             0           16        1098           2

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION         30             2            2           8          23
        TOTAL (GOVERNMENT)             30             2            2           8          23

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          163             2            3         463        1393
        OPEN BURNING                  777            29          199        1048        3327
        TOTAL (RESIDENTIAL)           940            31          202        1511        4720

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES            162            51           76          94         222
              POINT SOURCES           150            20           17          99         137
        OPEN BURNING
              AREA SOURCES              2             0            0           4           8
        TOTAL (COMM-INST)
              AREA SOURCES            164            51           76          98         230
              POINT SOURCES           150            20           17          99         137

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES             19             3            3          17          29
              POINT SOURCES             4             0            0           1           1
        OPEN BURNING
              AREA SOURCES             24             0           10          39         135
        TOTAL (INDUSTRIAL)
              AREA SOURCES             43             3           13          56         164
              POINT SOURCES             4             0            0           1           1

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES           1147            85          291        1665        5114
              POINT SOURCES           184            22           19         108         161

TRANSPORTATION (AREA)
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
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STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK        AQCR:162 NIAGARA FRONTIER        AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              4              11               1               4              36
         BITUMINOUS COAL              3              13               0               2              17
         DISTILLATE OIL              25             290             181               7              50
         NATURAL GAS                 97              19            3226             171             645
         WOOD                       985              10              77            2043            6073
         TOTAL (RESIDENTIAL)       1114             343            3485            2227            6821
      ELEC GENERATION (POINT)

         BITUMINOUS COAL          10385           46916           25675              61             519
         RESIDUAL OIL                 1              17               5               0               0
         DISTILLATE OIL               0              14               8               0               2
         TOTAL (ELEC GEN)         10386           46947           25688              61             521
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES             0               1               0               0               0
         BITUMINOUS COAL
            POINT SOURCES          4722           14791            7057              21             890
         RESIDUAL OIL
            POINT SOURCES          3418           47360           11275             118            1025
         DISTILLATE OIL
            POINT SOURCES            10             662              54               0              14
         NATURAL GAS
            AREA SOURCES              5               1             609             132              71
            POINT SOURCES            32               6            3856              70             398
         WOOD
            POINT SOURCES             1               0               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              5               1             609             132              71
            POINT SOURCES          8183           62820           22242             209            2327
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           608            1442             267               1             107
         RESIDUAL OIL
            POINT SOURCES           460            6082            1210              25             110
         DISTILLATE OIL
            POINT SOURCES             3             151              16               0               4
         NATURAL GAS
```

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*** E12 ***
MISCELLANEOUS (AREA)                                                                                              *** E12 ***
********************

    FOREST WILDFIRES                    9447          72        2216       10663       77776
    FOREST MANAGED BURNING              5511          40        1106        3937       30844
    AGRICULTURAL BURNING                4131           0         585        3812       27457
    STRUCTURAL FIRES                    1455           0         137        1085        5905
    GASOLINE STA EVAP LOSS                 0           0           0       26793           0
    SOLVENT EVAPORATION LOSS               0           0           0       99248           0
    UNPAVED ROADS                     360411           0           0           0           0
    UNPAVED AIRSTRIPS                     38           0           0           0           0
    TOTAL (MISCELLANEOUS)             380993         112        4044      145538      141982

GRAND TOTAL
***********

    AREA SOURCES                      586649       37170      274843      474191     2330436

    POINT SOURCES                     162153      631263      314098      107495      129486

    TOTAL                             748802      668433      588941      581686     2459922
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*** E13 ***                                                                                    *** E13 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA  AQCR:167 METROPOLITAN CHARLOTTE  AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                         POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             31             95              6             20            184
         DISTILLATE OIL              58            664            416             16            116
         NATURAL GAS                 14              3            505             28             99
         WOOD                      3847             40            303           7985          23733
         TOTAL (RESIDENTIAL)       3950            802           1230           8049          24132

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          16461          72364          37618            125           1075
         TOTAL (ELEC GEN)         16461          72364          37618            125           1075

      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES          448           2462            816              2            105
              POINT SOURCES         878           4009           2044             10            284
         RESIDUAL OIL
              POINT SOURCES         865          11683           2181             11            195
         DISTILLATE OIL
              AREA SOURCES            1             19             22              0              3
              POINT SOURCES           1             73             28              0              5
         NATURAL GAS
              AREA SOURCES           23              3           2946            729            351
              POINT SOURCES           4              0            218              4             50
         WOOD
              AREA SOURCES            6              0              6              5             13
              POINT SOURCES          20              1             14             15             34
         LIQUID PETROL GAS
              POINT SOURCES           0              1              5              0              0
         TOTAL (INDUSTRIAL)
              AREA SOURCES          478           2484           3790            736            472
              POINT SOURCES        1768          15767           4490             40            568

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
              AREA SOURCES           87            312             68              2             41
              POINT SOURCES          30             44             14              1             11
         RESIDUAL OIL
              POINT SOURCES           7             78             14              0              1
         DISTILLATE OIL
              POINT SOURCES           1             22             13              0              3
         NATURAL GAS
```

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SELECT CARD = <34    171                                                    45>
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TOTAL (SOLID WASTE DISP) AREA SOURCES	2155	77	423	3713	11452
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5884	384	8756	8400	76502
LIGHT DUTY TRUCKS	3226	297	6383	5690	44977
HEAVY DUTY VEHICLES	618	80	2849	2256	36787
OFF HIGHWAY	19	10	303	808	10209
TOTAL (GASOLINE)	9747	771	18291	17154	168475
DIESEL					
HEAVY DUTY VEHICLES	2389	1288	11519	1262	3787
OFF HIGHWAY	1376	1074	12931	1971	3907
RAIL	516	1175	7631	1851	2682
TOTAL (DIESEL)	4281	3537	32081	5084	10376
AIRCRAFT					
MILITARY	364	24	187	429	883
CIVIL	11	5	82	242	4844
COMMERCIAL	7	14	142	125	391
TOTAL (AIRCRAFT)	382	43	411	796	6118
VESSELS					
GASOLINE	0	4	45	1069	3813
TOTAL (VESSELS)	0	4	45	1069	3813
TOTAL (TRANSPORTATION)	14410	4355	50828	24103	188782
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	753	4	174	844	6188
FOREST MANAGED BURNING	111	0	22	78	620
STRUCTURAL FIRES	154	0	9	114	632
GASOLINE STA EVAP LOSS	0	0	0	2959	0
SOLVENT EVAPORATION LOSS	0	0	0	5063	0
UNPAVED ROADS	1158110	0	0	0	0
UNPAVED AIRSTRIPS	48	0	0	0	0
TOTAL (MISCELLANEOUS)	1159176	4	205	9058	7440
GRAND TOTAL ***********					
AREA SOURCES	1179511	13694	69826	43373	214526
POINT SOURCES	21514	99362	89193	1919	56161
TOTAL	1201025	113056	159019	45292	270687

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SELECT CARD = <36    124                                                        45>
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TOTAL (EXTERNAL COMB)					
AREA SOURCES	4471	600	4955	10128	27710
POINT SOURCES	4070	30167	2944	99	771
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4471	600	4955	10128	27710
POINT SOURCES	4070	30167	2944	99	771
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	13	0	0	6	0
FOOD/AGRICULTURAL	478	0	0	0	0
PRIMARY METAL	197	0	0	0	5912
SECONDARY METALS	1104	15	4	0	370
MINERAL PRODUCTS	8707	799	746	83	37
ORGANIC SOLVENT EVAPORATION	8	0	0	3213	0
METAL FABRICATION	20	0	0	0	0
OTHER/NOT CLASSIFIED	0	43	0	0	0
TOTAL (INDUSTRIAL)	10527	857	750	3302	6319
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	366	6	13	1029	3091
OPEN BURNING	535	21	137	721	2285
TOTAL (RESIDENTIAL)	901	27	150	1750	5376
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	88	27	41	50	121
OPEN BURNING					
AREA SOURCES	2	0	0	4	8
TOTAL (COMM-INST)					
AREA SOURCES	90	27	41	54	129
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	23	5	5	22	34
OPEN BURNING					
AREA SOURCES	17	0	8	30	105
TOTAL (INDUSTRIAL)					
AREA SOURCES	40	5	13	52	139
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1031	59	204	1856	5644
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	7928	380	8327	9110	88845
LIGHT DUTY TRUCKS	2249	150	3146	3311	28140
HEAVY DUTY VEHICLES	574	58	1893	1898	30288
OFF HIGHWAY	31	17	354	943	11914
TOTAL (GASOLINE)	10782	605	13720	15262	159187
DIESEL					

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*** E18 ***
                                                                                                   *** E18 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                             RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:36 OHIO          AQCR:179 PARKERSBURG-MARIETTA       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0               1              0              0              3
         DISTILLATE OIL                4              38             24              0              6
         NATURAL GAS                   8               1            251             13             51
         WOOD                       1598              17            127           3317           9860
         TOTAL (RESIDENTIAL)        1610              57            402           3330           9920

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            2730          299273          55542            572           1915
         DISTILLATE OIL                1             153             26              1              2
         TOTAL (ELEC GEN)           2731          299426          55568            573           1917

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            476           67282           8724            128            438
         DISTILLATE OIL
            AREA SOURCES               2              21             23              1              4
         NATURAL GAS
            AREA SOURCES               2               0            391            123             49
         TOTAL (INDUSTRIAL)
            AREA SOURCES               4              21            414            124             53
            POINT SOURCES            476           67282           8724            128            438

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               3              10              3              0              0
         BITUMINOUS COAL
            POINT SOURCES            404            1321            222             11             27
         DISTILLATE OIL
            AREA SOURCES               0              15             11              0              2
         NATURAL GAS
            AREA SOURCES               2               0             70              3             14
         TOTAL (COMM-INST)
            AREA SOURCES               5              25             84              3             16
            POINT SOURCES            404            1321            222             11             27

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            1619             103            900           3457           9989
            POINT SOURCES           3611          368029          64514            712           2382
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SELECT CARD = <27     143                                                                      45>
STATE 27 COUNTY 0200 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0340 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0440 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0540 NOT FOUND IN POINT FILE
STATE 27 COUNTY 0980 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1200 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1240 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1280 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1440 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1600 NOT FOUND IN POINT FILE
STATE 27 COUNTY 1680 NOT FOUND IN POINT FILE
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TRANSPORTATION (AREA)
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    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           8216          262          5862          8638          91383
            LIGHT DUTY TRUCKS             1819           80          1666          2360          22316
            HEAVY DUTY VEHICLES            387           27           804          1194          18617
            OFF HIGHWAY                     21           11           237           630           7960
            TOTAL (GASOLINE)             10443          380          8569         12822         140276

        DIESEL

            HEAVY DUTY VEHICLES           3001         1139         10520          1644           5113
            OFF HIGHWAY                    186          145          1746           266            528
            RAIL                           145          330          2142           520            752
            TOTAL (DIESEL)                3332         1614         14408          2430           6393

    AIRCRAFT

        MILITARY                           206           13           106           242            501
        CIVIL                                2            1            13            40            796
        COMMERCIAL                          12           29           296           262            815
        TOTAL (AIRCRAFT)                   220           43           415           544           2112

    VESSELS

        GASOLINE                             0            0             2            50            176
        TOTAL (VESSELS)                      0            0             2            50            176

    TOTAL (TRANSPORTATION)               13995         2037         23394         15846         148957

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        10            0             3            12             90
    STRUCTURAL FIRES                       129            0            13            97            527
    GASOLINE STA EVAP LOSS                   0            0             0          1642              0
    SOLVENT EVAPORATION LOSS                 0            0             0          6288              0
    UNPAVED ROADS                        26632            0             0             0              0
    TOTAL (MISCELLANEOUS)                26771            0            16          8039            617

GRAND TOTAL
***********

    AREA SOURCES                         42300         3908         29374         26304         157390

    POINT SOURCES                         4257        20624         10503         15607            446

    TOTAL                                46557        24532         39877         41911         157836
```

```
*** F03 ***                                                                                      *** F03 ***
          DISTILLATE OIL
              POINT SOURCES                 38          500          377            6           94
          NATURAL GAS
              AREA SOURCES                   9            2          352           19           68
              POINT SOURCES                  2            0           72            2           16
          TOTAL (COMM-INST)
              AREA SOURCES                  47          141          387           19           80
              POINT SOURCES                 42          514          460            8          111

       TOTAL (EXTERNAL COMB)
              AREA SOURCES                3279         2413         2736         5168        15623
              POINT SOURCES               6185        44613        88825          212         2612

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                     1            0           14            1            3
          NATURAL GAS                       31            1          910           28          253
          TOTAL (ELEC GEN)                  32            1          924           29          256

       INDUSTRIAL FUEL

          NATURAL GAS                       12            1          259            6          103
          TOTAL (INDUSTRIAL)                12            1          259            6          103

       TOTAL (INTERNAL COMB)                44            2         1183           35          359

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 3279         2413         2736         5168        15623
             POINT SOURCES                6229        44615        90008          247         2971
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   1         1508            1            0            0
    FOOD/AGRICULTURAL                       49            0            0            0            0
    PRIMARY METAL                         5382       282940           20            0            3
    MINERAL PRODUCTS                     21476         2371          618           71           35
    ORGANIC SOLVENT EVAPORATION              0            0            0         1182            0
    PETROLEUM STORAGE/TRANSPORT              0            0            0         2238            0
    OTHER/NOT CLASSIFIED                     4            0            0            0            0
    TOTAL (INDUSTRIAL)                   26912       286819          639         3491           38
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION               75           13           10           75          101
       OPEN BURNING                        104            6           39          195          552
       OTHER INCINERATION                    1            0            2            0            0
       TOTAL (GOVERNMENT)                  180           19           51          270          653

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                546            7           15         1534         4601
       OPEN BURNING                        421           15          111          566         1802
       TOTAL (RESIDENTIAL)                 967           22          126         2100         6403

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                    2            0            1            1            3
             POINT SOURCES                   1            0            0            0            1
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT
**************************                                               RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 30:NEW HAMPSHIRE                                       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL               5              11               0               5              43
            DISTILLATE OIL              193            2233            1393              55             388
            NATURAL GAS                  10               1             360              20              72
            WOOD                       8165              85             646           16951           50383
            TOTAL (RESIDENTIAL)        8373            2330            2399           17031           50886

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             347           44429           16465             167             546
            RESIDUAL OIL               1717           21343            4267             110             487
            TOTAL (ELEC GEN)           2064           65772           20732             277            1033

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              1              22              13               0               0
            BITUMINOUS COAL
                POINT SOURCES            30              13               7               0               3
            RESIDUAL OIL
                AREA SOURCES             54             664             152               0              14
                POINT SOURCES          1163           15746            4052              32             217
            DISTILLATE OIL
                AREA SOURCES             19             179             202               7              48
                POINT SOURCES             0              69              10               0               3
            NATURAL GAS
                AREA SOURCES              1               0              95               1              23
                POINT SOURCES             6               2              97               0               0
            PROCESS GAS
                POINT SOURCES             0               4               4               0               1
            COKE
                AREA SOURCES              7              21               3               0               1
            WOOD
                POINT SOURCES           177             204             423             284             303
            TOTAL (INDUSTRIAL)
                AREA SOURCES             82             886             465               8              86
                POINT SOURCES          1376           16038            4593             316             527

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             30              95              36               0               1
```

```
*** F05 ***                                                                          *** F05 ***
          HEAVY DUTY VEHICLES          87       11      390      314     5098
          OFF HIGHWAY                   7        3       74      198     2492
          TOTAL (GASOLINE)           1376      111     2479     2205    22261

       DIESEL

          HEAVY DUTY VEHICLES          84       47      419       44      132
          OFF HIGHWAY                  14       10      131       20       39
          RAIL                          0        0        2        0        1
          TOTAL (DIESEL)               98       57      552       64      172

    AIRCRAFT

       MILITARY                         1        0        0        1        2
       CIVIL                            2        1        8       24      491
       COMMERCIAL                       2        4       40       35      110
       TOTAL (AIRCRAFT)                 5        5       48       60      603

    VESSELS

       GASOLINE                         0        0        1       38      136
       TOTAL (VESSELS)                  0        0        1       38      136

    TOTAL (TRANSPORTATION)           1479      173     3080     2367    23172

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    0        0        0        0        4
    STRUCTURAL FIRES                   21        0        1       16       86
    GASOLINE STA EVAP LOSS              0        0        0      496        0
    SOLVENT EVAPORATION LOSS            0        0        0     1253        0
    UNPAVED ROADS                    3561        0        0        0        0
    TOTAL (MISCELLANEOUS)            3582        0        1     1765       90

GRAND TOTAL
***********

    AREA SOURCES                     6945      710     3572     7875    34466

    POINT SOURCES                     165      769      183      256      106

    TOTAL                            7110     1479     3755     8131    34572
```

GRAND TOTAL
****

AREA SOURCES	59474	9271	50684	88756	528207
POINT SOURCES	74425	60302	33163	87244	16763
TOTAL	133899	69573	83847	176000	544970

```
*** F07 ***                                                              *** F07 ***
SELECT CARD = <32    012                                        45>
```

```
*** F08 ***                                                                                              *** F08 ***
        CIVIL                                3            1           12           35          716
        TOTAL (AIRCRAFT)                   713           47          377          870         2440

    VESSELS

        GASOLINE                             0            2           12          273          973
        TOTAL (VESSELS)                      0            2           12          273          973

    TOTAL (TRANSPORTATION)                6757          999         9131        10355       109268

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        70            0           16           79          582
    FOREST MANAGED BURNING                 787            6          157          563         4407
    STRUCTURAL FIRES                        42            0            3           31          169
    GASOLINE STA EVAP LOSS                   0            0            0          708            0
    SOLVENT EVAPORATION LOSS                 0            0            0         1217            0
    UNPAVED ROADS                       164013            0            0            0            0
    UNPAVED AIRSTRIPS                       97            0            0            0            0
    TOTAL (MISCELLANEOUS)               165009            6          176         2598         5158

GRAND TOTAL
***********

    AREA SOURCES                        172536         1414         9866        14356       118676

    POINT SOURCES                          824          148         5398         1497         4530

    TOTAL                               173360         1562        15264        15853       123206
```

PRIMARY METAL	63	0	0	0	0
MINERAL PRODUCTS	446	35	17	39	18
OTHER/NOT CLASSIFIED	7	0	0	0	0
TOTAL (INDUSTRIAL)	516	35	17	39	18
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	28	0	1	78	231
OPEN BURNING	129	5	33	172	547
TOTAL (RESIDENTIAL)	157	5	34	250	778
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	6	1	4	4	10
OPEN BURNING					
AREA SOURCES	4	0	1	9	21
TOTAL (COMM-INST)					
AREA SOURCES	10	1	5	13	31
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	2	0	0	2	4
POINT SOURCES	142	4	15	157	1857
OPEN BURNING					
AREA SOURCES	2	0	1	3	10
TOTAL (INDUSTRIAL)					
AREA SOURCES	4	0	1	5	14
POINT SOURCES	142	4	15	157	1857
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	171	6	40	268	823
POINT SOURCES	142	4	15	157	1857
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2621	105	1678	3710	46424
LIGHT DUTY TRUCKS	1140	67	991	1890	23714
HEAVY DUTY VEHICLES	97	10	188	398	7887
OFF HIGHWAY	6	3	64	170	2146
TOTAL (GASOLINE)	3864	185	2921	6168	80171
DIESEL					
HEAVY DUTY VEHICLES	421	197	927	454	1107
OFF HIGHWAY	149	118	1406	214	424
RAIL	130	294	1910	464	671
TOTAL (DIESEL)	700	609	4243	1132	2202
AIRCRAFT					
MILITARY	21	1	11	25	52
CIVIL	2	1	10	30	609
COMMERCIAL	0	1	11	10	30
TOTAL (AIRCRAFT)	23	3	32	65	691

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	18885	804	17198	19744	198884
LIGHT DUTY TRUCKS	4211	260	5326	5865	50958
HEAVY DUTY VEHICLES	937	82	2570	3009	47512
OFF HIGHWAY	72	38	805	2142	27099
TOTAL (GASOLINE)	24105	1184	25899	30760	324453
DIESEL					
HEAVY DUTY VEHICLES	2485	1102	10019	1341	4115
OFF HIGHWAY	215	169	2030	310	614
RAIL	43	98	644	157	225
TOTAL (DIESEL)	2743	1369	12693	1808	4954
AIRCRAFT					
MILITARY	301	19	154	354	731
CIVIL	5	2	27	79	1602
COMMERCIAL	17	38	397	352	1094
TOTAL (AIRCRAFT)	323	59	578	785	3427
VESSELS					
DIESEL FUEL	4	4	29	8	9
GASOLINE	0	16	100	2199	7842
TOTAL (VESSELS)	4	20	129	2207	7851
TOTAL (TRANSPORTATION)	27175	2632	39299	35560	340685
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	23	0	6	25	184
STRUCTURAL FIRES	348	0	33	260	1413
GASOLINE STA EVAP LOSS	0	0	0	4657	0
SOLVENT EVAPORATION LOSS	0	0	0	16180	0
UNPAVED ROADS	21571	0	0	0	0
UNPAVED AIRSTRIPS	15	0	0	0	0
TOTAL (MISCELLANEOUS)	21957	0	39	21122	1597
GRAND TOTAL ***********					
AREA SOURCES	56431	3593	43813	71083	385173
POINT SOURCES	47898	129908	29269	1702	3164
TOTAL	104329	133501	73082	72785	388337

```
*** F11 ***
                AREA SOURCES                    13                2               428               23               85      *** F11 ***
                POINT SOURCES                    2                0               112                2               27
          TOTAL (COMM-INST)
                AREA SOURCES                    13                2               428               23               85
                POINT SOURCES                 1073             7675              1605               28              248

       TOTAL (EXTERNAL COMB)
                AREA SOURCES                  1132              346              4522             2382             6977
                POINT SOURCES                19642           117442             49535              298             3096

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  1132              346              4522             2382             6977
                POINT SOURCES                19642           117442             49535              298             3096
INDUSTRIAL PROCESS (POINT)
**************************

    OTHER/NOT CLASSIFIED                      1762             1408                15             1218             3350
    TOTAL (INDUSTRIAL)                        1762             1408                15             1218             3350
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                 517              238               191             1359             1974
        TOTAL (GOVERNMENT)                     517              238               191             1359             1974
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   183                2                 6              514             1542
        OPEN BURNING                           864               32               221             1164             3694
        TOTAL (RESIDENTIAL)                   1047               34               227             1678             5236
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   183               58                87              106              250
                POINT SOURCES                  114               20                17              111              153
        OPEN BURNING
                AREA SOURCES                     3                0                 1                7               17
        TOTAL (COMM-INST)
                AREA SOURCES                   186               58                88              113              267
                POINT SOURCES                  114               20                17              111              153
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    26                5                 5               23               34
                POINT SOURCES                    8                1                 1                5                6
        OPEN BURNING
                AREA SOURCES                    21                1                 7               37              130
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    47                6                12               60              164
                POINT SOURCES                    8                1                 1                5                6
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  1280               98               327             1851             5667
                POINT SOURCES                  639              259               209             1475             2133
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** F12 ***                                                                                    *** F12 ***
SELECT CARD = <34    136                                                45>
```

```
*** F13 ***
                  AREA SOURCES                 8           1         293          15          58   *** F13 ***
          TOTAL (COMM-INST)
                  AREA SOURCES                95         313         361          17          99
                  POINT SOURCES               38         144          41           1          15

        TOTAL (EXTERNAL COMB)
                  AREA SOURCES              4523        3599        5381        8802       24703
                  POINT SOURCES            18267       88275       42149         166        1658

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     3          46          93           6          21
            NATURAL GAS                        1           0          94           3          27
            TOTAL (ELEC GEN)                   4          46         187           9          48

        TOTAL (INTERNAL COMB)                  4          46         187           9          48

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES              4523        3599        5381        8802       24703
                  POINT SOURCES            18271       88321       42336         175        1706
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    56           0          56          54           0
    FOOD/AGRICULTURAL                        527           0           0           0           0
    PRIMARY METAL                            638        1404          38          22       11395
    SECONDARY METALS                         251         252          18           0        1650
    MINERAL PRODUCTS                        8401          63         745         158          46
    WOOD PRODUCTS                           1611           0           0           0           0
    ORGANIC SOLVENT EVAPORATION                0           0           0        4455           0
    PETROLEUM STORAGE/TRANSPORT                0           0           0        2040           0
    TEXTILE MANUFACTURING                     94         831         151        1850          15
    TOTAL (INDUSTRIAL)                     11578        2550        1008        8579       13106
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                        1305          48         333        1760        5584
        TOTAL (RESIDENTIAL)                 1305          48         333        1760        5584

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES               140          43          65          79         190
                  POINT SOURCES               17           8          10          10          25
        OPEN BURNING
                  AREA SOURCES                 3           0           0           6          12
        TOTAL (COMM-INST)
                  AREA SOURCES               143          43          65          85         202
                  POINT SOURCES               17           8          10          10          25

    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES                42           7           7          37          57
                  POINT SOURCES                6           0           2           1           6
        OPEN BURNING
                  AREA SOURCES                29           0          10          51         180
        TOTAL (INDUSTRIAL)
                  AREA SOURCES                71           7          17          88         237
```

```
*** F14 ***                                                                                                          *** F14 ***
                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                                 RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:34 NORTH CAROLINA  AQCR:171 WESTERN MOUNTAIN                              POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                  PARTICULATES         SOX               NOX               VOC               CO
                                  ************     ************      ************      ************      ************
                                   TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 58              182                10                40               352
         DISTILLATE OIL                  39              431               271                 8                76
         NATURAL GAS                      1                0                78                 3                15
         WOOD                          4630               47               365              9609             28563
         TOTAL (RESIDENTIAL)           4728              660               724              9660             29006
      ELEC GENERATION (POINT)

         BITUMINOUS COAL                617            21670             16867                35               298
         RESIDUAL OIL                    33              405                82                 1                 6
         TOTAL (ELEC GEN)               650            22075             16949                36               304
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                126              688               227                 0                30
            POINT SOURCES                67             9811              6265                76               217
         RESIDUAL OIL
            POINT SOURCES               223             2639              1046                 5                94
         DISTILLATE OIL
            AREA SOURCES                  0                4                 5                 0                 1
            POINT SOURCES                 5              119                42                 0                10
         NATURAL GAS
            AREA SOURCES                  5                1               874               217               104
         WOOD
            AREA SOURCES                 12                0                12                 7                21
            POINT SOURCES                 6                0                 8                 9                20
         TOTAL (INDUSTRIAL)
            AREA SOURCES                143              693              1118               224               156
            POINT SOURCES               301            12569              7361                90               341
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 34              125                28                 1                19
         RESIDUAL OIL
            POINT SOURCES                11              267                62                 1                 6
         DISTILLATE OIL
            POINT SOURCES                 1               16                 7                 0                 2
         NATURAL GAS
            AREA SOURCES                  1                0                79                 3                15
         TOTAL (COMM-INST)
            AREA SOURCES                 35              125               107                 4                34
```

```
*** F15 ***                                                                                   *** F15 ***
SELECT CARD = <36                                                  25>
```

```
*** F16 ***                                                                                              *** F16 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:36 OHIO          AQCR:124 METROPOLITAN TOLEDO          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC            CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             12            135             86              3             24
         NATURAL GAS                35              7           1165             61            233
         WOOD                     1047             11             83           2173           6460
         TOTAL (RESIDENTIAL)      1094            153           1332           2237           6717
      ELEC GENERATION (POINT)

         BITUMINOUS COAL          1829          32468          17354            289            948
         RESIDUAL OIL               21             89             34              4              5
         DISTILLATE OIL              0             17              7              0              3
         NATURAL GAS                 0              0             29              0              2
         PROCESS GAS                 0            224            520             10             74
         OTHER                       2              2              5              2              2
         TOTAL (ELEC GEN)         1852          32800          17949            305           1034
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          135            976            468             26             77
         RESIDUAL OIL
            POINT SOURCES          238           2546            879             23             55
         DISTILLATE OIL
            AREA SOURCES            10            104            116              4             28
            POINT SOURCES            1              5              3              0              0
         NATURAL GAS
            AREA SOURCES            15              3           3171            998            402
            POINT SOURCES            4              0             55              8              6
         PROCESS GAS
            POINT SOURCES           40           2282            537             10             65
         LIQUID PETROL GAS
            POINT SOURCES            1              1              1              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES            25            107           3287           1002            430
            POINT SOURCES          419           5810           1943             68            184
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            12             38             13              0              1
         BITUMINOUS COAL
            POINT SOURCES          393           1757            265             17             34
         RESIDUAL OIL
```

```
            HEAVY DUTY VEHICLES             1275          636          5720          678          2056
            OFF HIGHWAY                      351          275          3311          505          1003
            RAIL                             175          394          2564          622           901
            TOTAL (DIESEL)                  1801         1305         11595         1805          3960
     AIRCRAFT

         MILITARY                             46            3            24           54           111
         CIVIL                                 5            1            22           65          1307
         COMMERCIAL                            2            4            43           38           118
         TOTAL (AIRCRAFT)                     53            8            89          157          1536
     VESSELS

         GASOLINE                              0            2            15          337          1202
         TOTAL (VESSELS)                       0            2            15          337          1202

     TOTAL (TRANSPORTATION)                12636         1920         25419        17561        165885

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        283            2            67          320          2337
     STRUCTURAL FIRES                        138            0            14          105           561
     GASOLINE STA EVAP LOSS                    0            0             0         2151             0
     SOLVENT EVAPORATION LOSS                  0            0             0        12059             0
     UNPAVED ROADS                         43036            0             0            0             0
     UNPAVED AIRSTRIPS                        10            0             0            0             0
     TOTAL (MISCELLANEOUS)                 43467            2            81        14635          2898
GRAND TOTAL
***********

     AREA SOURCES                          61605         2581         30659        44180        202137

     POINT SOURCES                         14597        31024          3694         3401          7090

     TOTAL                                 76202        33605         34353        47581        209227
```

```
*** F18 ***
    TOTAL (FUEL COMBUSTION)                                                                    *** F18 ***

                 AREA SOURCES           1619          103          900         3457         9989
                 POINT SOURCES          3611       368029        64514          712         2382
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               152         1584          547         2793        52901
    PRIMARY METAL                        606            0            0            0            0
    SECONDARY METALS                       1            0            0            0            4
    MINERAL PRODUCTS                      60            6            3            7            3
    ORGANIC SOLVENT EVAPORATION            0            0            0          213            0
    TEXTILE MANUFACTURING                  8            0            0          200            0
    TOTAL (INDUSTRIAL)                   827         1590          550         3213        52908
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             109            2            2          307          921
        OPEN BURNING                     162            6           42          220          694
        TOTAL (RESIDENTIAL)              271            8           44          527         1615
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              27            8           13           16           38
        TOTAL (COMM-INST)
                AREA SOURCES              27            8           13           16           38
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               6            1            1            6            9
                POINT SOURCES             16            8            2           16           22
        OPEN BURNING
                AREA SOURCES               6            0            3            9           30
        TOTAL (INDUSTRIAL)
                AREA SOURCES              12            1            4           15           39
                POINT SOURCES             16            8            2           16           22
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             310           17           61          558         1692
                POINT SOURCES             16            8            2           16           22
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         2082          115         2593         2671        24842
            LIGHT DUTY TRUCKS            729           55         1157         1146         9369
            HEAVY DUTY VEHICLES          143           15          531          485         7799
            OFF HIGHWAY                    7            4           74          195         2466
            TOTAL (GASOLINE)            2961          189         4355         4497        44476
        DIESEL

            HEAVY DUTY VEHICLES          267          137         1230          140          426
            OFF HIGHWAY                   72           58          689          104          208
            RAIL                          54          121          784          190          276
            TOTAL (DIESEL)               393          316         2703          434          910
```

```
*** G01 ***                                                                                         *** G01 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:27 MONTANA        AQCR:143 MILES CITY                   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX               NOX               VOC               CO
                             ************    ************      ************      ************      ************
                              TONS / YR       TONS / YR         TONS / YR         TONS / YR         TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            40              99                 5                29               245
            DISTILLATE OIL              1              41                16                 0                 4
            NATURAL GAS                 3               0               133                 5                28
            WOOD                      149               1                11               307               915
            TOTAL (RESIDENTIAL)       193             141               165               341              1192

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          6891           11083             30454               101               870
            RESIDUAL OIL                0              41                67                 1                 5
            NATURAL GAS                 0               0                 2                 0                 0
            TOTAL (ELEC GEN)         6891           11124             30523               102               875

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           86             334                97                 0                10
            RESIDUAL OIL
                AREA SOURCES           41             437               115                 0                10
                POINT SOURCES          18             239                41                 0                 4
            DISTILLATE OIL
                AREA SOURCES            0              12                 7                 0                 1
                POINT SOURCES           0               7                 2                 0                 1
            NATURAL GAS
                AREA SOURCES            0               0                11                 4                 2
                POINT SOURCES           1               0                62                 1                16
            TOTAL (INDUSTRIAL)
                AREA SOURCES          127             783               230                 4                23
                POINT SOURCES          19             246               105                 1                21

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            4              11                 2                 0                 2
            DISTILLATE OIL
                AREA SOURCES            1              57                26                 0                 7
            NATURAL GAS
                AREA SOURCES            0               0                74                 2                14
            WOOD
                POINT SOURCES           6               1                 3                 7                17
            TOTAL (COMM-INST)
                AREA SOURCES            5              68               102                 2                23
                POINT SOURCES           6               1                 3                 7                17
```

```
*** G02 ***                                                                                                       *** G02 ***
SELECT CARD = <28    086                                                          45>
```

```
      TOTAL (COMM-INST)
              AREA SOURCES                    2              0              1              1              3
              POINT SOURCES                   1              0              0              0              1

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  969             22            127           2101           6406
              POINT SOURCES                 181             19             51            270            654

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              18927            593          10541          18766         213703
         LIGHT DUTY TRUCKS                 7845            373           5835           9760         109619
         HEAVY DUTY VEHICLES                575             40           1189           1722          27008
         OFF HIGHWAY                         36             18            423           1128          14278
         TOTAL (GASOLINE)                 27383           1024          17988          31376         364608

      DIESEL

         HEAVY DUTY VEHICLES               3253           1251           5780           2516          19577
         OFF HIGHWAY                        233            183           2192            332            664
         RAIL                               305            694           4507           1096           1583
         TOTAL (DIESEL)                    3791           2128          12479           3944          21824

   AIRCRAFT

      MILITARY                             1038             68            533           1222           2523
      CIVIL                                  14              6             66            203           4034
      COMMERCIAL                             57            133           1379           1222           3797
      TOTAL (AIRCRAFT)                     1109            207           1978           2647          10354

   VESSELS

      GASOLINE                                0             11             66           1499           5341
      TOTAL (VESSELS)                         0             11             66           1499           5341

   TOTAL (TRANSPORTATION)                 32283           3370          32511          39466         402127

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        7820             69           1841           8834          64409
   FOREST MANAGED BURNING                   834              6            166            596           4670
   AGRICULTURAL BURNING                      31              0              4             28            203
   STRUCTURAL FIRES                         140              0             10            103            568
   GASOLINE STA EVAP LOSS                     0              0              0           4645              0
   SOLVENT EVAPORATION LOSS                   0              0              0          10611              0
   UNPAVED ROADS                         846712              0              0              0              0
   UNPAVED AIRSTRIPS                        371              0              0              0              0
   TOTAL (MISCELLANEOUS)                 855908             75           2021          24817          69850

GRAND TOTAL
***********

   AREA SOURCES                          892439           5880          37395          71552         494006

   POINT SOURCES                          33322         331453          90698           4008           3663

   TOTAL                                 925761         337333         128093          75560         497669
```

```
        RESIDUAL OIL
            AREA SOURCES                  132          1691           391             8            35
            POINT SOURCES                 146          2039           377             6            30
        DISTILLATE OIL
            AREA SOURCES                   24           323           226             2            55
            POINT SOURCES                   0            69             8             0             2
        NATURAL GAS
            AREA SOURCES                    5             1           222            11            44
        TOTAL (COMM-INST)
            AREA SOURCES                  191          2110           875            21           135
            POINT SOURCES                 146          2108           385             6            32

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                 8646          5326          3739         17060         51107
            POINT SOURCES                3586         83918         25710           599          1592

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    0             2             3             0             1
          NATURAL GAS                       1             0            29             0             0
          OTHER                             4            51            60             5            14
          TOTAL (ELEC GEN)                  5            53            92             5            15

      TOTAL (INTERNAL COMB)                 5            53            92             5            15

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 8646          5326          3739         17060         51107
            POINT SOURCES                3591         83971         25802           604          1607

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                       1            95            32             1             2
    MINERAL PRODUCTS                      394            25            12            27            14
    PETROLEUM INDUSTRY                      9           113            20             0             2
    WOOD PRODUCTS                         767          1207           383            21          9428
    ORGANIC SOLVENT EVAPORATION            40            54            13          8230             0
    PETROLEUM STORAGE/TRANSPORT             0             0             0          1872             0
    TEXTILE MANUFACTURING                   0             0             0            98             0
    OTHER/NOT CLASSIFIED                   16           335             0           413             0
    TOTAL (INDUSTRIAL)                   1227          1829           460         10662          9446

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                       17             1             7            32            91
        TOTAL (GOVERNMENT)                 17             1             7            32            91

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              475             7            16          1338          4012
        OPEN BURNING                     1432            52           368          1936          6136
        TOTAL (RESIDENTIAL)              1907            59           384          3274         10148

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              129            42            62            73           177
        OPEN BURNING
                AREA SOURCES                2             0             0             4             8
        TOTAL (COMM-INST)
```

```
*** G05 ***                                                                                   *** G05 ***
SELECT CARD = <31                                                        25>
SELECT CARD = <31    150                                                              45>
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                       **********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       **********************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:    MONDAY   NOVEMBER 28, 1983
****************************                                             AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:32 NEW MEXICO      AQCR:012 ARIZONA-NEW MEXICO-SOUTHERN BO        POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX               NOX               VOC               CO
                              ************     ************      ************      ************      ************
                               TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                0                1                 0                 0                 0
            NATURAL GAS                   1                0                49                 2                 9
            WOOD                        232                2                18               481              1430
            TOTAL (RESIDENTIAL)         233                3                67               483              1439

        ELEC GENERATION (POINT)

            DISTILLATE OIL                2                7               350                 2                 2
            NATURAL GAS                   9                0               534                 2                10
            TOTAL (ELEC GEN)             11                7               884                 4                12

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES             17              187                50                 0                 5
            DISTILLATE OIL
                AREA SOURCES              3               38                28                 1                 7
            NATURAL GAS
                AREA SOURCES              1                0                54                 1                13
            TOTAL (INDUSTRIAL)
                AREA SOURCES             21              225               132                 2                25

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                AREA SOURCES              0                0                16                 0                 3
            TOTAL (COMM-INST)
                AREA SOURCES              0                0                16                 0                 3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            254              228               215               485              1467
                POINT SOURCES            11                7               884                 4                12

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                1                1               241                 1                 1
            TOTAL (ELEC GEN)              1                1               241                 1                 1

        INDUSTRIAL FUEL

            NATURAL GAS                  27                6              3104               160               502
```

```
*** G08 ***                                                                                                                  *** G08 ***

SELECT CARD = <32    154                                                                         45>
STATE 32 COUNTY 0500 NOT FOUND IN POINT FILE
STATE 32 COUNTY 0820 NOT FOUND IN POINT FILE
```

```
    VESSELS

        GASOLINE                           0             1             5            105           373
        TOTAL (VESSELS)                    0             1             5            105           373

    TOTAL (TRANSPORTATION)              4587           798          7201           7470         83437

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      24             0             6             26           196
    FOREST MANAGED BURNING               399             3            80            285          2232
    STRUCTURAL FIRES                      38             0             4             28           151
    GASOLINE STA EVAP LOSS                 0             0             0            560             0
    SOLVENT EVAPORATION LOSS               0             0             0           1084             0
    UNPAVED ROADS                      67804             0             0              0             0
    UNPAVED AIRSTRIPS                     22             0             0              0             0
    TOTAL (MISCELLANEOUS)              68287             3            90           1983          2579

GRAND TOTAL
***********

    AREA SOURCES                       75457          1101          7941          14675        101613

    POINT SOURCES                        700            55          1153            885          2489

    TOTAL                              76157          1156          9094          15560        104102
```

```
*** G10 ***                                                                                              *** G10 ***
SELECT CARD = <33    159                                                      45>
```

```
*** G11 ***
        GASOLINE                                                                                              *** G11 ***

            LIGHT DUTY VEHICLES            23016            765           15965           21031          227362
            LIGHT DUTY TRUCKS               3663            166            3358            4422           41824
            HEAVY DUTY VEHICLES              961             71            2166            2995           46872
            OFF HIGHWAY                       69             36             760            2024           25586
            TOTAL (GASOLINE)               27709           1038           22249           30472          341644

        DIESEL

            HEAVY DUTY VEHICLES             1895            760            6977            1032            3198
            OFF HIGHWAY                       82             64             772             117             233
            RAIL                              45            103             666             162             234
            TOTAL (DIESEL)                  2022            927            8415            1311            3665

    AIRCRAFT

        MILITARY                             151             10              77             177             366
        CIVIL                                  2              2              13              39             781
        COMMERCIAL                            19             44             456             404            1255
        TOTAL (AIRCRAFT)                     172             56             546             620            2402

    VESSELS

        GASOLINE                               0              1               6             138             492
        TOTAL (VESSELS)                        0              1               6             138             492

    TOTAL (TRANSPORTATION)                 29903           2022           31216           32541          348203

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                         375              0              35             281            1527
    GASOLINE STA EVAP LOSS                     0              0               0            4048               0
    SOLVENT EVAPORATION LOSS                   0              0               0           18576               0
    UNPAVED ROADS                          16812              0               0               0               0
    UNPAVED AIRSTRIPS                         23              0               0               0               0
    TOTAL (MISCELLANEOUS)                  17210              0              35           22905            1527

GRAND TOTAL
***********

    AREA SOURCES                           49525           2466           36100           59679          362374

    POINT SOURCES                          22043         119109           49759            2991            8579

    TOTAL                                  71568         121575           85859           62670          370953
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA   AQCR:136 NORTHERN PIEDMONT                   AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                      POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES          SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               44            131              8             29            256
         DISTILLATE OIL                79            918            573             24            160
         NATURAL GAS                   13              1            434             22             86
         WOOD                        9190             97            725          19083          56715
         TOTAL (RESIDENTIAL)         9326           1147           1740          19158          57217

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            25162          99037          60103            201           1717
         DISTILLATE OIL                 0             16             13              0              3
         NATURAL GAS                    0              0              1              0              0
         OTHER                          7              0              2              1              3
         TOTAL (ELEC GEN)           25169          99053          60119            202           1723

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              487           2671            886              2            115
            POINT SOURCES             815           4694           2119             11            343
         LIGNITE
            POINT SOURCES               4             11              8              0              3
         RESIDUAL OIL
            POINT SOURCES             514           9124           1595              7            145
         DISTILLATE OIL
            AREA SOURCES                1             18             23              0              6
            POINT SOURCES               4            186             46              0             10
         NATURAL GAS
            AREA SOURCES               22              3           2985            742            357
            POINT SOURCES               1              0             89              1             16
         WOOD
            AREA SOURCES               15              0             15              8             24
            POINT SOURCES             204              6             88            282            234
         TOTAL (INDUSTRIAL)
            AREA SOURCES              525           2692           3909            752            502
            POINT SOURCES            1542          14021           3945            301            751

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               84            302             67              2             40
            POINT SOURCES              10             23              6              0              5
         RESIDUAL OIL
            POINT SOURCES              42            757            157              3             15
```

POINT SOURCES	6	0	2	1	6
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1519	98	415	1933	6023
POINT SOURCES	23	8	12	11	31
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	17268	730	15702	18657	181844
LIGHT DUTY TRUCKS	3826	232	4680	5361	65338
HEAVY DUTY VEHICLES	1267	108	3402	4051	63933
OFF HIGHWAY	68	36	750	1992	25192
TOTAL (GASOLINE)	22429	1106	24534	30061	316307
DIESEL					
HEAVY DUTY VEHICLES	3988	1717	15651	2158	6644
OFF HIGHWAY	173	136	1638	249	494
RAIL	82	185	1204	293	423
TOTAL (DIESEL)	4243	2038	18493	2700	7561
AIRCRAFT					
MILITARY	23	1	12	27	56
CIVIL	7	1	29	84	1678
COMMERCIAL	30	69	713	632	1964
TOTAL (AIRCRAFT)	60	71	754	743	3698
VESSELS					
GASOLINE	0	0	3	76	274
TOTAL (VESSELS)	0	0	3	76	274
TOTAL (TRANSPORTATION)	26732	3215	43784	33580	327840
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	117	0	27	131	969
FOREST MANAGED BURNING	43	0	9	31	241
STRUCTURAL FIRES	246	0	23	184	1002
GASOLINE STA EVAP LOSS	0	0	0	4256	0
SOLVENT EVAPORATION LOSS	0	0	0	18324	0
UNPAVED ROADS	35190	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	35618	0	59	22926	2212
GRAND TOTAL ***********					
AREA SOURCES	68392	6912	49639	67241	360778
POINT SOURCES	29872	90879	43356	8765	14843
TOTAL	98264	97791	92995	76006	375621

```
*** G14 ***                                                                                                   *** G14 ***
                POINT SOURCES                  12            283            69             1             8
       TOTAL (EXTERNAL COMB)
                AREA SOURCES                 4906           1478          1949          9888         29196
                POINT SOURCES                 963          34927         24379           127           653
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 4906           1478          1949          9888         29196
                POINT SOURCES                 963          34927         24379           127           653
INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                           7              0             0             0             0
    MINERAL PRODUCTS                         1100             11            33            15            12
    WOOD PRODUCTS                             563           3650             0             0         43800
    ORGANIC SOLVENT EVAPORATION                 0              0             0             2             0
    OTHER/NOT CLASSIFIED                        8              0             0             0             0
    TOTAL (INDUSTRIAL)                       1678           3661            33            17         43812
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                          990             36           254          1334          4233
        TOTAL (RESIDENTIAL)                   990             36           254          1334          4233
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   29              7            14            16            41
                POINT SOURCES                   4              1             1             3             6
        TOTAL (COMM-INST)
                AREA SOURCES                   29              7            14            16            41
                POINT SOURCES                   4              1             1             3             6
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   15              3             3            14            21
        OPEN BURNING
                AREA SOURCES                    2              0             1             3            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   17              3             4            17            31

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 1036             46           272          1367          4305
                POINT SOURCES                   4              1             1             3             6
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              4888            288          6324          6532         57996
            LIGHT DUTY TRUCKS                1697            144          2976          2865         21977
            HEAVY DUTY VEHICLES               327             39          1257          1114         17955
            OFF HIGHWAY                        21             12           237           626          7931
            TOTAL (GASOLINE)                 6933            483         10794         11137        105859
        DIESEL
```

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                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE EMISSIONS REPORT
**********************                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 36:OHIO                                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0              13               0               0              52
         DISTILLATE OIL               356            4061            2539              97             704
         NATURAL GAS                  587             110           19516            1031            3904
         WOOD                       48182             501            3811          100007          297256
         TOTAL (RESIDENTIAL)        49125            4685           25864          101135          301916

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           124632         2182626          527929            7008           24311
         RESIDUAL OIL                 580            1644             660              59             229
         DISTILLATE OIL                30             473             272              21             105
         NATURAL GAS                   43               7             792               8              38
         PROCESS GAS                    0             224             520              10              74
         OTHER                          4               2              13               8               8
         TOTAL (ELEC GEN)          125289         2184976          530186            7114           24765

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           61749          310920           60054            1335            4318
         RESIDUAL OIL
            POINT SOURCES            1738           21287            7189             141             654
         DISTILLATE OIL
            AREA SOURCES              225            2244            2539              78             601
            POINT SOURCES             247            4540            1443              79             231
         NATURAL GAS
            AREA SOURCES              261              43           55482           17451            7024
            POINT SOURCES             240              92            6975             234             450
         PROCESS GAS
            POINT SOURCES            1467           19560            5558              54            1589
         COKE
            POINT SOURCES            1146             950              41               0               1
         WOOD
            POINT SOURCES              34              11             110              71              86
         LIQUID PETROL GAS
            POINT SOURCES               1               1               1               1               1
         OTHER
            POINT SOURCES              12               6               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              486            2287           58021           17529            7625
            POINT SOURCES           66634          357367           81371            1915            7130

      COMM-INSTITUTIONAL FUEL
```

POINT SOURCES	16	207	184	10	15
DISTILLATE OIL					
AREA SOURCES	6	89	62	1	15
NATURAL GAS					
AREA SOURCES	14	2	487	26	98
POINT SOURCES	0	0	18	1	2
TOTAL (COMM-INST)					
AREA SOURCES	32	129	562	27	114
POINT SOURCES	409	1964	467	28	51
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1151	389	5181	3266	7261
POINT SOURCES	2680	40574	20359	401	1269
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1151	389	5181	3266	7261
POINT SOURCES	2680	40574	20359	401	1269
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	27	5111	0	781	8602
FOOD/AGRICULTURAL	3888	0	2	0	0
PRIMARY METAL	1235	390	7	820	1808
SECONDARY METALS	20	0	1	0	0
MINERAL PRODUCTS	1507	2797	2144	31	28
PETROLEUM INDUSTRY	666	11084	4485	361	224
WOOD PRODUCTS	28	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	4409	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2904	0
METAL FABRICATION	2	0	0	0	0
TEXTILE MANUFACTURING	6	0	0	1577	0
TOTAL (INDUSTRIAL)	7359	19382	6639	10883	10662
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	435	7	13	1222	3668
OPEN BURNING	631	24	161	851	2701
TOTAL (RESIDENTIAL)	1066	31	174	2073	6369
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	107	33	51	62	146
OPEN BURNING					
AREA SOURCES	3	0	1	7	17
TOTAL (COMM-INST)					
AREA SOURCES	110	33	52	69	163
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	41	8	8	36	55
OPEN BURNING					
AREA SOURCES	30	1	10	52	184
TOTAL (INDUSTRIAL)					
AREA SOURCES	71	9	18	88	239
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1247	73	244	2230	6771
TRANSPORTATION (AREA)					

```
*** 617 ***                                                                                    *** 617 ***
SELECT CARD = <36    176                                                  45>
```

AIRCRAFT					
CIVIL	0	0	4	11	223
TOTAL (AIRCRAFT)	0	0	4	11	223
VESSELS					
DIESEL FUEL	8	10	77	20	26
GASOLINE	0	1	7	154	549
TOTAL (VESSELS)	8	11	84	174	575
TOTAL (TRANSPORTATION)	3362	516	7146	5116	46184
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	501	4	118	566	4125
STRUCTURAL FIRES	42	0	4	31	168
GASOLINE STA EVAP LOSS	0	0	0	594	0
SOLVENT EVAPORATION LOSS	0	0	0	1476	0
UNPAVED ROADS	34579	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	35124	4	122	2667	4293
GRAND TOTAL ***********					
AREA SOURCES	40615	640	8229	11798	62158
POINT SOURCES	4454	369627	65066	3941	55312
TOTAL	44869	370267	73295	15739	117470

```
*** H01 ***
        TOTAL (EXTERNAL COMB)                                                                                  *** H01 ***
                AREA SOURCES            325         992          497          347          1238
                POINT SOURCES          6916       11371        30631          110           913

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            325         992          497          347          1238
                POINT SOURCES          6916       11371        30631          110           913

INDUSTRIAL PROCESS (POINT)
***************************

    FOOD/AGRICULTURAL                   178           0            0            0             0
    MINERAL PRODUCTS                    145           0            0            0             0
    WOOD PRODUCTS                         9           0            0            0             0
    TOTAL (INDUSTRIAL)                  332           0            0            0             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            100           0            0          284           850
        OPEN BURNING                    379          15           96          510          1617
        TOTAL (RESIDENTIAL)             479          15           96          794          2467

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES            42           1            6           66           786
        OPEN BURNING
                AREA SOURCES              8           0            4           12            40
        TOTAL (INDUSTRIAL)
                AREA SOURCES              8           0            4           12            40
                POINT SOURCES            42           1            6           66           786

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            487          15          100          806          2507
                POINT SOURCES            42           1            6           66           786

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        1033          62         1297         1537         15448
            LIGHT DUTY TRUCKS           799          65         1239         1297         12200
            HEAVY DUTY VEHICLES         121          14          521          440          7116
            OFF HIGHWAY                   2           0           49          128          1632
            TOTAL (GASOLINE)           1955         141         3106         3402         36396

        DIESEL

            HEAVY DUTY VEHICLES         429         240         2137          224           673
            OFF HIGHWAY                 259         207         2464          375           747
            RAIL                         99         217         1417          343           497
            TOTAL (DIESEL)              787         664         6018          942          1917

    AIRCRAFT

        CIVIL                             5           1           29           92          1869
        TOTAL (AIRCRAFT)                  5           1           29           92          1869

    VESSELS
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         **********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         ***********************************

STATE/AQCR EMISSIONS REPORT
*****************************                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:28 NEBRASKA        AQCR:086 METROPOLITAN SIOUX CITY                   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                               PARTICULATES          SOX              NOX              VOC              CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0                1                1                0                0
         NATURAL GAS                    1                0               24                1                5
         TOTAL (RESIDENTIAL)            1                1               25                1                5

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                1                7                3                0                0
         DISTILLATE OIL
            POINT SOURCES               0                8                1                0                0
         NATURAL GAS
            AREA SOURCES                0                0                6                2                1
            POINT SOURCES               0                0              143                1               13
         TOTAL (INDUSTRIAL)
            AREA SOURCES                1                7                9                2                1
            POINT SOURCES               0                8              144                1               13

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                0                1                0                0                0
         DISTILLATE OIL
            AREA SOURCES                0                3                2                0                0
         NATURAL GAS
            AREA SOURCES                0                0               16                1                3
         TOTAL (COMM-INST)
            AREA SOURCES                0                4               18                1                3

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                2               12               52                4                9
            POINT SOURCES               0                8              144                1               13

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 0                0                3                0                1
         NATURAL GAS                    0                0               39                1                5
         TOTAL (ELEC GEN)               0                0               42                1                6

      INDUSTRIAL FUEL

         NATURAL GAS                    0                0                8                0                3
```

*** H03 ***

SELECT CARD = <29   013   45>

*** H03 ***

```
*** H04 ***
                AREA SOURCES             131          42          62          77         185    *** H04 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              12           1           1          11          21
        TOTAL (INDUSTRIAL)
                AREA SOURCES              12           1           1          11          21

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            2050         102         447        3362       10354
                POINT SOURCES             17           1           7          32          91
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        12678         604       12441       12669      128666
            LIGHT DUTY TRUCKS           3355         221        4574        4689       40953
            HEAVY DUTY VEHICLES          837          83        2788        2843       45265
            OFF HIGHWAY                   71          39         799        2128       26892
            TOTAL (GASOLINE)           16941         947       20602       22329      241776

        DIESEL

            HEAVY DUTY VEHICLES         1120         536        4848         598        1825
            OFF HIGHWAY                  125          96        1179         179         356
            RAIL                           0           2          18           2           7
            TOTAL (DIESEL)              1245         634        6045         779        2188
    AIRCRAFT

        MILITARY                         190          13          96         223         459
        CIVIL                              9           6          42         130        2611
        COMMERCIAL                         7          15         157         139         432
        TOTAL (AIRCRAFT)                 206          34         295         492        3502
    VESSELS

        DIESEL FUEL                        3           4          30           8          11
        RESIDUAL OIL                      14         183          30           2           1
        GASOLINE                           0           0           6         144         508
        TOTAL (VESSELS)                   17         187          66         154         520

    TOTAL (TRANSPORTATION)             18409        1802       27008       23754      247986
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      49           0           9          55
    STRUCTURAL FIRES                     211           0          19         158         406
    GASOLINE STA EVAP LOSS                 0           0           0        3770         860
    SOLVENT EVAPORATION LOSS               0           0           0       19498           0
    UNPAVED ROADS                      24930           0           0           0           0
    UNPAVED AIRSTRIPS                     24           0           0           0           0
    TOTAL (MISCELLANEOUS)              25214           0           0           0           0
                                                       0          28       23481        1266
GRAND TOTAL
***********

    AREA SOURCES                       54319        7230       31222       67657      310713

    POINT SOURCES                       4835       85801       26269       11298       11144
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*** H05 ***                                                                                              *** H05 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT
**************************                                                     RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE 31:NEW JERSEY                                               AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX               NOX               VOC               CO
                            ************    ************      ************      ************      ************
                             TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                35              95                11                35               316
         BITUMINOUS COAL                27             108                 1                17               160
         DISTILLATE OIL               1228           14157              8846               346              2459
         NATURAL GAS                   227              45              7515               398              1504
         WOOD                        21130             222              1673             43864            130371
         TOTAL (RESIDENTIAL)         22647           14627             18046             44660            134810
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             11982           59226             24427               259               685
         RESIDUAL OIL                 4445           38321             19491               351              1229
         DISTILLATE OIL                349            1225              2804                82               336
         NATURAL GAS                   157              21             11005               464              2045
         PROCESS GAS                    18               0                28                 5                32
         TOTAL (ELEC GEN)            16951           98793             57755              1161              4327
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              796            3848              1809                11                38
         RESIDUAL OIL
            POINT SOURCES             4284           24772             26825               344              3106
         DISTILLATE OIL
            AREA SOURCES               390            3911              4414               150              1044
            POINT SOURCES              523            1956              2816              2274               560
         NATURAL GAS
            AREA SOURCES                36               6              3658               656               409
            POINT SOURCES              288             418              3627               100               516
         LIQUID PETROL GAS
            POINT SOURCES                0               1                 5                 0                 1
         OTHER
            POINT SOURCES              292             608              4198               134               580
         TOTAL (INDUSTRIAL)
            AREA SOURCES               426            3917              8072               806              1453
            POINT SOURCES             6183           31603             39280              2863              4801
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               409            1352               488                 1                30
         BITUMINOUS COAL
            AREA SOURCES                12              90                13                 0                 9
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*** H06 ***                                                                                    *** H06 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                           RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:31 NEW JERSEY      AQCR:150 NEW JERSEY             AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                        POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              2               5               0               2              16
         BITUMINOUS COAL              2               5               0               0               7
         DISTILLATE OIL             108            1244             777              30             216
         NATURAL GAS                 23               4             739              39             147
         WOOD                      4789              50             379            9941           29547
         TOTAL (RESIDENTIAL)       4924            1308            1895           10012           29933

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           2708           31901           11720              24             204
         RESIDUAL OIL               349            7923            1822              21             140
         DISTILLATE OIL               6              64              18               0               0
         TOTAL (ELEC GEN)          3063           39888           13560              45             344

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           453            5614            1383              45             125
         DISTILLATE OIL
            AREA SOURCES             17             176             199               7              47
            POINT SOURCES            80             275            1193               1             316
         NATURAL GAS
            AREA SOURCES              3               0             304              54              34
            POINT SOURCES             6               1             121               4              23
         OTHER
            POINT SOURCES            66             105            1876              96             366
         TOTAL (INDUSTRIAL)
            AREA SOURCES             20             176             503              61              81
            POINT SOURCES           605            5995            4573             146             830

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             33             106              39               0               2
         BITUMINOUS COAL
            AREA SOURCES              0               8               0               0               0
         RESIDUAL OIL
            AREA SOURCES            157             662             459              10              41
            POINT SOURCES            52             181             246               6               9
         DISTILLATE OIL
            AREA SOURCES             23             326             226               3              56
            POINT SOURCES             1              19              14               0               4
```

```
          TOTAL (INDUSTRIAL)              27            6          3104          160          502

       TOTAL (INTERNAL COMB)              28            7          3345          161          503

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             254          228           215          485         1467
                POINT SOURCES             39           14          4229          165          515

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                65         2728             0            0            0
    PRIMARY METAL                       2518        76106             0            0            0
    MINERAL PRODUCTS                    1332           18             6           13            6
    TOTAL (INDUSTRIAL)                  3915        78852             6           13            6

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              12            0             0           33          101
        OPEN BURNING                      54            2            14           74          235
        TOTAL (RESIDENTIAL)               66            2            14          107          336

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               5            1             3            3            8
        OPEN BURNING
                AREA SOURCES               4            0             1            9           21
        TOTAL (COMM-INST)
                AREA SOURCES               9            1             4           12           29

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               3            0             0            3            6
        TOTAL (INDUSTRIAL)
                AREA SOURCES               3            0             0            3            6

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              78            3            18          122          371

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         1267           50           802         1804        22645
            LIGHT DUTY TRUCKS            807           43           617         1236        15790
            HEAVY DUTY VEHICLES           53            5            97          217         4280
            OFF HIGHWAY                    3            1            33           85         1071
            TOTAL (GASOLINE)            2130           99          1549         3342        43786

        DIESEL

            HEAVY DUTY VEHICLES          239          106           500          260          635
            OFF HIGHWAY                   83           65           787          120          238
            RAIL                          44          100           647          157          228
            TOTAL (DIESEL)               366          271          1934          537         1101

    AIRCRAFT
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*** H08 ***
                                                                                                  *** H08 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:32 NEW MEXICO      AQCR:154 NORTHEASTERN PLAINS              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 7              22              1              4             43
         DISTILLATE OIL                  2              23             10              0              3
         NATURAL GAS                     2               0             70              3             14
         WOOD                         2758              29            217           5728          17025
         TOTAL (RESIDENTIAL)          2769              74            298           5735          17085

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                20             399             87              1             66
         TOTAL (ELEC GEN)               20             399             87              1             66

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 6              67             18              0              1
         DISTILLATE OIL
            AREA SOURCES                 1              24             18              0              4
         NATURAL GAS
            AREA SOURCES                 0               0             24              0              5
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 7              91             60              0             10

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES                 0               0             22              0              4
         TOTAL (COMM-INST)
            AREA SOURCES                 0               0             22              0              4

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              2776             165            380           5735          17099
            POINT SOURCES               20             399             87              1             66
   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         NATURAL GAS                     2               6           1135            459            147
         TOTAL (ELEC GEN)                2               6           1135            459            147

      INDUSTRIAL FUEL

         NATURAL GAS                     4              22           1335             33            169
```

*** H09 ***

SELECT CARD = <33 25>

*** H09 ***

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK       AQCR:159 CHAMPLAIN VALLEY                        AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                        POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX              VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL                  3              7               0               3              22
          BITUMINOUS COAL                  2              6               0               0               8
          DISTILLATE OIL                  45            522             327              13              89
          NATURAL GAS                      6              1             226              10              45
          WOOD                          9725            103             768           20195           60020
          TOTAL (RESIDENTIAL)           9781            639            1321           20221           60184

       INDUSTRIAL FUEL

          BITUMINOUS COAL
             POINT SOURCES               282           1841             330               1             118
          RESIDUAL OIL
             POINT SOURCES              2913          39448            7629             198             693
          DISTILLATE OIL
             POINT SOURCES                 2            158              12               0               3
          NATURAL GAS
             AREA SOURCES                  1              0             176              39              21
             POINT SOURCES                 2              0              80               2              20
          WOOD
             POINT SOURCES               279              8             119              86             221
          TOTAL (INDUSTRIAL)
             AREA SOURCES                  1              0             176              39              21
             POINT SOURCES              3478          41455            8170             287            1055

       COMM-INSTITUTIONAL FUEL

          BITUMINOUS COAL
             AREA SOURCES                  9             50               7               0               4
             POINT SOURCES               147            191              34               0              12
          RESIDUAL OIL
             POINT SOURCES               706           9464            1611              33             146
          DISTILLATE OIL
             POINT SOURCES                27           1371             100               0              25
          NATURAL GAS
             AREA SOURCES                  5              0             181              10              36
          TOTAL (COMM-INST)
             AREA SOURCES                 14             50             188              10              40
             POINT SOURCES               880          11026            1745              33             183

       TOTAL (EXTERNAL COMB)
             AREA SOURCES               9796            689            1685           20270           60245
             POINT SOURCES              4358          52481            9915             320            1238
```

```
SELECT CARD = <33    163                                        45>
```

DISTILLATE OIL					
POINT SOURCES	2	44	19	0	4
NATURAL GAS					
AREA SOURCES	6	1	271	15	54
POINT SOURCES	0	0	18	0	4
TOTAL (COMM-INST)					
AREA SOURCES	90	303	338	17	94
POINT SOURCES	54	824	200	3	28
TOTAL (EXTERNAL COMB)					
AREA SOURCES	9941	4142	5987	19927	57813
POINT SOURCES	26765	113898	64264	506	2502
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	3	18	43	3	10
NATURAL GAS	1	0	24	1	7
TOTAL (ELEC GEN)	4	18	67	4	17
TOTAL (INTERNAL COMB)	4	18	67	4	17
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	9941	4142	5987	19927	57813
POINT SOURCES	26769	113916	64331	510	2519
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	96	7	45	784	0
FOOD/AGRICULTURAL	221	56	15	185	3
PRIMARY METAL	6	1	3	0	0
SECONDARY METALS	56	2	0	12	378
MINERAL PRODUCTS	9569	33	66	43	27
WOOD PRODUCTS	1113	0	0	7	0
ORGANIC SOLVENT EVAPORATION	0	0	0	25705	2
PETROLEUM STORAGE/TRANSPORT	0	0	0	4182	0
METAL FABRICATION	3	0	0	89	0
TEXTILE MANUFACTURING	182	0	5	2951	0
OTHER/NOT CLASSIFIED	1	0	0	102	0
TOTAL (INDUSTRIAL)	11247	99	134	34060	410
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	91	1	5	1	0
TOTAL (GOVERNMENT)	91	1	5	1	0
RESIDENTIAL (AREA)					
OPEN BURNING	2211	80	566	2981	9457
TOTAL (RESIDENTIAL)	2211	80	566	2981	9457
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	136	43	63	80	184
POINT SOURCES	0	0	0	0	1
OPEN BURNING					
AREA SOURCES	3	0	0	6	12
TOTAL (COMM-INST)					
AREA SOURCES	139	43	63	86	196

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SELECT CARD = <34    168                                                    45>
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*** H14 ***                                                                                          *** H14 ***
           HEAVY DUTY VEHICLES          482          251          2239          255          773
           OFF HIGHWAY                   55           44           516           80          155
           RAIL                          34           73           475          116          168
           TOTAL (DIESEL)               571          368          3230          451         1096

    AIRCRAFT

        MILITARY                          2            0             1            2            4
        CIVIL                             2            2            12           41          839
        COMMERCIAL                        3            8            84           74          231
        TOTAL (AIRCRAFT)                  7           10            97          117         1074

    VESSELS

        GASOLINE                          0            0             4          124          444
        TOTAL (VESSELS)                   0            0             4          124          444

    TOTAL (TRANSPORTATION)             7511          861         14125        11829       108473

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    398            2            93          446         3262
    FOREST MANAGED BURNING              179            0            36          128         1001
    STRUCTURAL FIRES                     98            0             8           71          395
    GASOLINE STA EVAP LOSS                0            0             0         2107            0
    SOLVENT EVAPORATION LOSS              0            0             0         6616            0
    UNPAVED ROADS                     35341            0             0            0            0
    TOTAL (MISCELLANEOUS)             36016            2           137         9368         4658

GRAND TOTAL
***********

    AREA SOURCES                      49469         2387         16483        32452       146632

    POINT SOURCES                      2645        38589         24413          147        44471

    TOTAL                             52114        40976         40896        32599       191103
```

ANTHRACITE COAL					
AREA SOURCES	195	668	234	0	10
BITUMINOUS COAL					
POINT SOURCES	11466	30585	6109	278	858
RESIDUAL OIL					
POINT SOURCES	57	789	468	18	33
DISTILLATE OIL					
AREA SOURCES	103	1641	1137	11	284
POINT SOURCES	12	145	99	7	18
NATURAL GAS					
AREA SOURCES	233	39	8002	422	1596
POINT SOURCES	65	20	118	50	55
TOTAL (COMM-INST)					
AREA SOURCES	531	2348	9373	433	1890
POINT SOURCES	11600	31539	6794	353	964
TOTAL (EXTERNAL COMB)					
AREA SOURCES	50142	9320	93258	119097	311631
POINT SOURCES	203523	2573882	618351	9382	32859
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	179	288	501	178	507
NATURAL GAS	44	149	712	55	174
TOTAL (ELEC GEN)	223	437	1213	233	681
INDUSTRIAL FUEL					
DISTILLATE OIL	15	14	139	14	35
NATURAL GAS	0	1	114	16	16
TOTAL (INDUSTRIAL)	15	15	253	30	51
ENGINE-TESTING					
TOTAL (ENG TESTNG)	51	56	63	201	143
TOTAL (INTERNAL COMB)	289	508	1529	464	875
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	50142	9320	93258	119097	311631
POINT SOURCES	203812	2574390	619880	9846	33734
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	2072	12848	1646	16825	64303
FOOD/AGRICULTURAL	6827	1	3	796	0
PRIMARY METAL	58288	36827	4040	11108	179660
SECONDARY METALS	15243	4761	222	2189	68408
MINERAL PRODUCTS	65003	19603	12116	1123	4546
PETROLEUM INDUSTRY	1077	13193	7242	2860	496
WOOD PRODUCTS	448	220	0	175	420
ORGANIC SOLVENT EVAPORATION	93	0	0	110972	0
PETROLEUM STORAGE/TRANSPORT	28	0	0	14916	0
METAL FABRICATION	907	0	0	712	0
TEXTILE MANUFACTURING	14	0	0	4877	0
OTHER/NOT CLASSIFIED	245	14144	0	5132	0
TOTAL (INDUSTRIAL)	150245	101597	25269	171685	317833
SOLID WASTE DISPOSAL ********************					

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   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          11348          362         7701        10658       115762
         LIGHT DUTY TRUCKS             1955           87         1792         2433        23014
         HEAVY DUTY VEHICLES            603           44         1324         1873        29270
         OFF HIGHWAY                     32           18          361          959        12122
         TOTAL (GASOLINE)             13938          511        11178        15923       180168

      DIESEL

         HEAVY DUTY VEHICLES           2237          876         8072         1221         3790
         OFF HIGHWAY                    199          156         1877          286          567
         RAIL                           194          442         2868          696         1008
         TOTAL (DIESEL)                2630         1474        12817         2203         5365

   AIRCRAFT

      MILITARY                           21            1           11           25           52
      CIVIL                               2            2           11           32          650
      COMMERCIAL                          4           10          105           93          289
      TOTAL (AIRCRAFT)                   27           13          127          150          991

   VESSELS

      DIESEL FUEL                         1            1            8            2            3
      RESIDUAL OIL                        1            9            1            0            0
      GASOLINE                            0            4           22          467         1662
      TOTAL (VESSELS)                     2           14           31          469         1665

   TOTAL (TRANSPORTATION)             16597         2012        24153        18745       188189

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     225            2           53          254         1851
   STRUCTURAL FIRES                     164            0           15          123          668
   GASOLINE STA EVAP LOSS                 0            0            0         2801            0
   SOLVENT EVAPORATION LOSS               0            0            0        10506            0
   UNPAVED ROADS                       3669            0            0            0            0
   TOTAL (MISCELLANEOUS)               4058            2           68        13684         2519

GRAND TOTAL
***********

   AREA SOURCES                       23053         2476        29646        37925       204740

   POINT SOURCES                      10039        59956        26998        11284        11931

   TOTAL                              33092        62432        56644        49209       216671
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                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:36 OHIO          AQCR:176 METROPOLITAN COLUMBUS                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                               PARTICULATES        SOX            NOX            VOC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0              0              0              0              4
         DISTILLATE OIL                29            341            214              8             59
         NATURAL GAS                   71             13           2371            126            474
         WOOD                        2702             26            213           5603          16660
         TOTAL (RESIDENTIAL)         2802            380           2798           5737          17197

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             3592          19731           2643              9             76
         TOTAL (ELEC GEN)            3592          19731           2643              9             76

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            3271          15419           2203            126            407
         DISTILLATE OIL
            AREA SOURCES               22            221            251              8             60
            POINT SOURCES               1             29             16              1              2
         NATURAL GAS
            AREA SOURCES               30              5           6421           2020            813
            POINT SOURCES               0              0             31              0              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES               52            226           6672           2028            873
            POINT SOURCES            3272          15448           2250            127            413

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               27             91             31              0              2
         BITUMINOUS COAL
            POINT SOURCES            2943           7532           1522             78            200
         DISTILLATE OIL
            AREA SOURCES               15            229            158              2             41
         NATURAL GAS
            AREA SOURCES               33              6           1144             60            228
         TOTAL (COMM-INST)
            AREA SOURCES               75            326           1333             62            271
            POINT SOURCES            2943           7532           1522             78            200

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             2929            932          10803           7827          18341
            POINT SOURCES            9807          42711           6415            214            689
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SELECT CARD = <36    180                                              45>
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         GASOLINE                        0          3         27        593       2108
         TOTAL (VESSELS)                 0          3         27        593       2108

     TOTAL (TRANSPORTATION)           2747        809       9180       5029      42290

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                 3531         30        832       3990      29086
     STRUCTURAL FIRES                   29          0          0         18        106
     GASOLINE STA EVAP LOSS              0          0          0        594          0
     SOLVENT EVAPORATION LOSS            0          0          0        664          0
     UNPAVED ROADS                  193003          0          0          0          0
     UNPAVED AIRSTRIPS                  50          0          0          0          0
     TOTAL (MISCELLANEOUS)          196613         30        832       5266      29192

GRAND TOTAL
***********

     AREA SOURCES                   200172       1846      10609      11448      75227

     POINT SOURCES                    7290      11372      30637        176       1699

     TOTAL                          207462      13218      41246      11624      76926
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          TOTAL (INDUSTRIAL)              0          0          8          0          3
        TOTAL (INTERNAL COMB)             0          0         50          1          9
     TOTAL (FUEL COMBUSTION)

                AREA SOURCES              2         12         52          4          9
                POINT SOURCES             0          8        194          2         22

  INDUSTRIAL PROCESS (POINT)
  **************************

     FOOD/AGRICULTURAL                 1097          0          0          0          0
     SECONDARY METALS                     3          0          0          0          0
     TOTAL (INDUSTRIAL)                1100          0          0          0          0

  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION             12          0          0         35        104
        OPEN BURNING                     23          1          6         30         97
        TOTAL (RESIDENTIAL)              35          1          6         65        201

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES             35          1          6         65        201

  TRANSPORTATION (AREA)
  *********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES          171          9        228        269       2419
           LIGHT DUTY TRUCKS             70          5        109        119        971
           HEAVY DUTY VEHICLES           14          2         51         48        765
           OFF HIGHWAY                    1          1         12         33        415
           TOTAL (GASOLINE)             256         17        400        469       4570

        DIESEL

           HEAVY DUTY VEHICLES          141         73        654         75        226
           OFF HIGHWAY                   18         14        173         26         52
           RAIL                           5         11         74         18         26
           TOTAL (DIESEL)               164         98        901        119        304

     AIRCRAFT

        CIVIL                             0          0          1          4         81
        TOTAL (AIRCRAFT)                  0          0          1          4         81

     VESSELS

        GASOLINE                          0          0          2         33        118
        TOTAL (VESSELS)                   0          0          2         33        118

     TOTAL (TRANSPORTATION)             420        115       1304        625       5073

  MISCELLANEOUS (AREA)
  ********************

     FOREST WILDFIRES                     5          0          1          5         39
     STRUCTURAL FIRES                     4          0          0          3         15
     GASOLINE STA EVAP LOSS               0          0          0        145          0
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NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****
STATE:29 NEVADA AQCR:013 CLARK-MOHAVE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	0	1	0	0	3
DISTILLATE OIL	0	1	1	0	0
NATURAL GAS	7	1	247	13	49
WOOD	182	2	14	379	1126
TOTAL (RESIDENTIAL)	189	5	262	392	1178
ELEC GENERATION (POINT)					
BITUMINOUS COAL	5839	41589	75860	168	1441
DISTILLATE OIL	0	5	7	0	2
NATURAL GAS	27	7	5958	15	433
TOTAL (ELEC GEN)	5866	41601	81825	183	1876
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	288	701	349	1	45
RESIDUAL OIL					
AREA SOURCES	3	45	10	0	1
DISTILLATE OIL					
AREA SOURCES	5	80	60	2	14
POINT SOURCES	2	75	21	0	5
NATURAL GAS					
AREA SOURCES	2	0	113	2	28
POINT SOURCES	0	0	60	0	4
PROCESS GAS					
POINT SOURCES	0	320	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	298	826	532	5	88
POINT SOURCES	2	395	81	0	9
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	1	2	1	0	0
BITUMINOUS COAL					
AREA SOURCES	18	28	9	0	6
NATURAL GAS					
AREA SOURCES	4	1	147	8	29
TOTAL (COMM-INST)					
AREA SOURCES	23	31	157	8	35

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TOTAL                          59154        93031        57491        78955        321857
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            RESIDUAL OIL
                AREA SOURCES              2044          8646          5982           119           543
                POINT SOURCES              381          1851          1662            33           100
            DISTILLATE OIL
                AREA SOURCES               296          4236          2943            44           736
                POINT SOURCES              165           398           396            11          9444
            NATURAL GAS
                AREA SOURCES                29             3          1053            53           212
                POINT SOURCES               91            14          2519           154           519
            OTHER
                POINT SOURCES              414          4725          6511           256          1776
            TOTAL (COMM-INST)
                AREA SOURCES              2790         14327         10479           217          1530
                POINT SOURCES             1051          6988         11088           454         11839

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             25863         32871         36597         45683        137793
                POINT SOURCES            24185        137384        108123          4478         20967

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 778          6382          4219           131           706
            NATURAL GAS                     74           220          3502           113           895
            OTHER                           40           130           676            11            63
            TOTAL (ELEC GEN)               892          6732          8397           255          1664

        INDUSTRIAL FUEL

            DISTILLATE OIL                  39            36            27            10            81
            NATURAL GAS                      1             1             1             1             1
            GASOLINE                         0             0             0            20             0
            OTHER                            0             3           253            17            55
            TOTAL (INDUSTRIAL)              40            40           281            48           137

        TOTAL (INTERNAL COMB)              932          6772          8678           303          1801

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             25863         32871         36597         45683        137793
                POINT SOURCES            25117        144156        116801          4781         22768

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              162695         28120          3719         65595          6644
    FOOD/AGRICULTURAL                    18403            15           374          1268            20
    PRIMARY METAL                         1340            92           254           283           508
    SECONDARY METALS                      7002          2512            80           271         39640
    MINERAL PRODUCTS                     69487         15092          1685          2565         10085
    PETROLEUM INDUSTRY                    2187         33533          3241          2961          6341
    WOOD PRODUCTS                         9407             9           639           260            16
    ORGANIC SOLVENT EVAPORATION           3918            33            18        131065             2
    PETROLEUM STORAGE/TRANSPORT           3358             3             3        187605             3
    METAL FABRICATION                     6329             9           122          2119             3
    TEXTILE MANUFACTURING                  935             3             3           652             3
    OTHER/NOT CLASSIFIED                 20912           959          2212          6942            54
    TOTAL (INDUSTRIAL)                  305973         80380         12350        401586         63319

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             220            46            52            76           584
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          NATURAL GAS
               AREA SOURCES                    5           1         190          10          38
               POINT SOURCES                   2           0          56          15          14
          OTHER
               POINT SOURCES                 117         733        1018          42         265
          TOTAL (COMM-INST)
               AREA SOURCES                  218        1103         914          23         137
               POINT SOURCES                 172         933        1334          63         292

      TOTAL (EXTERNAL COMB)
               AREA SOURCES                 5162        2587        3312       10096       30151
               POINT SOURCES                3840       46816       19467         254        1466

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                       4          46          75           5          17
          OTHER                               40         130         673          11          62
          TOTAL (ELEC GEN)                    44         176         748          16          79

      INDUSTRIAL FUEL

          DISTILLATE OIL                      39          36          27          10          81
          OTHER                                0           3         253          17          55
          TOTAL (INDUSTRIAL)                  39          39         280          27         136

      TOTAL (INTERNAL COMB)                   83         215        1028          43         215

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES                 5162        2587        3312       10096       30151
               POINT SOURCES                3923       47031       20495         297        1681
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               796         336           0        1110           0
    FOOD/AGRICULTURAL                   1297           0          36           8           3
    SECONDARY METALS                      56           4           0           0         580
    MINERAL PRODUCTS                   33791        8720         792         220        9661
    WOOD PRODUCTS                       2249           9         639          25          16
    ORGANIC SOLVENT EVAPORATION           32          31           2         322           0
    PETROLEUM STORAGE/TRANSPORT            4           0           0        2347           0
    METAL FABRICATION                    489           0           0          62           1
    TEXTILE MANUFACTURING                 30           0           0          11           0
    OTHER/NOT CLASSIFIED                1413           0           0          40           0
    TOTAL (INDUSTRIAL)                 40157        9100        1469        4145       10261
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                19           5          37           7           0
        TOTAL (GOVERNMENT)                19           5          37           7           0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              87           1           3         245         734
        OPEN BURNING                     909          34         233        1227        3891
        TOTAL (RESIDENTIAL)              996          35         236        1472        4625

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
        CIVIL                          0            0            5           15          291
        TOTAL (AIRCRAFT)               0            0            5           15          291

    TOTAL (TRANSPORTATION)          2496          370         3488         3894        45178

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  21            0            5           23          170
    STRUCTURAL FIRES                  13            0            1            9           53
    GASOLINE STA EVAP LOSS             0            0            0          420            0
    SOLVENT EVAPORATION LOSS           0            0            0          330            0
    UNPAVED ROADS                  62565            0            0            0            0
    UNPAVED AIRSTRIPS                 37            0            0            0            0
    TOTAL (MISCELLANEOUS)          62636            0            6          782          223

GRAND TOTAL
***********

    AREA SOURCES                   65464          601         3727         5283        47239

    POINT SOURCES                   3954        78866         4235          178          521

    TOTAL                          69418        79467         7962         5461        47760
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         TOTAL (INDUSTRIAL)                  4            22          1335            33           169

      TOTAL (INTERNAL COMB)                  6            28          2470           492           316

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                2776           165           380          5735         17099
              POINT SOURCES                 26           427          2557           493           382
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OPEN BURNING                           9             1             3            17            48
      TOTAL (GOVERNMENT)                     9             1             3            17            48

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  16             0             0            48           165
      OPEN BURNING                          77             2            21           107           337
      TOTAL (RESIDENTIAL)                   93             2            21           155           482

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                   5             1             3             3             9
      OPEN BURNING
              AREA SOURCES                   5             0             1            11            25
      TOTAL (COMM-INST)
              AREA SOURCES                  10             1             4            14            34

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                   3             0             0             3             6
              POINT SOURCES                 53             1             7            83           989
      TOTAL (INDUSTRIAL)
              AREA SOURCES                   3             0             0             3             6
              POINT SOURCES                 53             1             7            83           989

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 106             3            25           172           522
              POINT SOURCES                 62             2            10           100          1037
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              1430            79          1385          2726         31794
         LIGHT DUTY TRUCKS                1001            80          1196          1923         22737
         HEAVY DUTY VEHICLES                50             5           112           214          4225
         OFF HIGHWAY                         2             0            29            79          1000
         TOTAL (GASOLINE)                 2483           164          2722          4942         59756
      DIESEL

         HEAVY DUTY VEHICLES               213           104           632           233           556
         OFF HIGHWAY                       139           110          1308           200           396
         RAIL                               53           121           787           192           277
         TOTAL (DIESEL)                    405           335          2727           625          1229
   AIRCRAFT
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
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STATE EMISSIONS REPORT
**********************                                                        RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE 33:NEW YORK                                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              141             377               37              141             1248
         BITUMINOUS COAL              107             468               16               64              622
         DISTILLATE OIL              1922           22157            13845              535             3845
         NATURAL GAS                  524             103            17463              920             3492
         WOOD                       51134             534             4039           106156           315499
         TOTAL (RESIDENTIAL)        53828           23639            35400           107816           324706
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            33597          235059            72282              228             4024
         RESIDUAL OIL               23293          295564            88194             1001             6581
         DISTILLATE OIL                15             382              199                1               41
         NATURAL GAS                  180              36            31355               91             2393
         TOTAL (ELEC GEN)           57085          531041           192030             1321            13039
      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                2              19                9                0                0
            POINT SOURCES               9              24                3                3               84
         BITUMINOUS COAL
            POINT SOURCES           49130           82576            40496              109             4171
         RESIDUAL OIL
            POINT SOURCES           15177          205679            44314             1531             4032
         DISTILLATE OIL
            POINT SOURCES             151            8135              897                5              222
         NATURAL GAS
            AREA SOURCES               48               6             6322             1374              740
            POINT SOURCES              80              15             7506              225              930
         WOOD
            POINT SOURCES            1174              25              335              549              713
         TOTAL (INDUSTRIAL)
            AREA SOURCES               50              25             6331             1374              740
            POINT SOURCES           65721          296454            93551             2422            10152
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            POINT SOURCES             312            2426              319                2               18
         BITUMINOUS COAL
            AREA SOURCES               54             316               46                1               27
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    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 9796          689         1685        20270        60245
              POINT SOURCES                4358        52481         9915          320         1238
INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                           216            0            0            0            0
    PETROLEUM STORAGE/TRANSPORT               0            0            0          195            0
    OTHER/NOT CLASSIFIED                    854          360            0          158            0
    TOTAL (INDUSTRIAL)                     1070          360            0          353            0
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               15            0            0            0            0
        TOTAL (GOVERNMENT)                   15            0            0            0            0
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 51            0            0          142          429
        OPEN BURNING                        237            9           61          321         1017
        TOTAL (RESIDENTIAL)                 288            9           61          463         1446
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                   49           15           23           30           65
              POINT SOURCES                 393            6            6           13           29
        TOTAL (COMM-INST)
              AREA SOURCES                   49           15           23           30           65
              POINT SOURCES                 393            6            6           13           29
    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES                    6            0            0            6           12
        OPEN BURNING
              AREA SOURCES                   10            0            5           15           50
        TOTAL (INDUSTRIAL)
              AREA SOURCES                   16            0            5           21           62

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  353           24           89          514         1573
              POINT SOURCES                 408            6            6           13           29
TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            5008          282         6182         6251        57966
            LIGHT DUTY TRUCKS              1526          116         2445         2471        19998
            HEAVY DUTY VEHICLES             216           24          798          733        11772
            OFF HIGHWAY                      23           13          257          680         8624
            TOTAL (GASOLINE)               6773          435         9682        10135        98360
        DIESEL

            HEAVY DUTY VEHICLES             435          228         2044          231          692
            OFF HIGHWAY                      89           68          832          127          252
```

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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                              RUN DATE:       MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK      AQCR:163 SOUTHERN TIER EAST           AREA EMISSIONS AS OF:      TUESDAY  NOVEMBER 22, 1983
                                                            POINT EMISSIONS AS OF:       MONDAY      JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************  ************  ************  ************  ************
                            TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             11            29             3            11            98
         BITUMINOUS COAL              8            36             1             6            50
         DISTILLATE OIL              48           550           342            14            96
         NATURAL GAS                 17             3           575            31           115
         WOOD                      5201            55           411         10796         32090
         TOTAL (RESIDENTIAL)       5285           673          1332         10858         32449

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           2538         22994          6621            26           969
         DISTILLATE OIL               0             6             3             0             1
         TOTAL (ELEC GEN)          2538         23000          6624            26           970

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           496          6587          1191             7           108
         DISTILLATE OIL
            POINT SOURCES            10           548            37             0             9
         NATURAL GAS
            AREA SOURCES              1             0           199            43            24
            POINT SOURCES             0             0             1             0             0
         WOOD
            POINT SOURCES           278             4            48            54           127
         TOTAL (INDUSTRIAL)
            AREA SOURCES              1             0           199            43            24
            POINT SOURCES           784          7139          1277            61           244

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            POINT SOURCES           127          1181           152             1             9
         BITUMINOUS COAL
            AREA SOURCES             36           212            32             1            19
            POINT SOURCES           618           803           144             1            51
         RESIDUAL OIL
            POINT SOURCES           329          4362           755            16            69
         DISTILLATE OIL
            POINT SOURCES            19           939            69             0            17
         NATURAL GAS
            AREA SOURCES              4             0           192            11            38
         TOTAL (COMM-INST)
```

```
*** 112 ***
             POINT SOURCES                   0          0          0          0          1   *** 112 ***
    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                   68         14         14         60         91
             POINT SOURCES                   1          0          0          0          3
       OPEN BURNING
             AREA SOURCES                   37          0         13         63        220
       TOTAL (INDUSTRIAL)
             AREA SOURCES                  105         14         27        123        311
             POINT SOURCES                   1          0          0          0          3

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                 2455        137        656       3190       9964
             POINT SOURCES                  92          1          5          1          4
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES            18184        832      18314      21283     201846
          LIGHT DUTY TRUCKS               4089        269       5550       6139      50439
          HEAVY DUTY VEHICLES             1275        117       3753       4163      65696
          OFF HIGHWAY                       81         43        912       2421      30584
          TOTAL (GASOLINE)               23629       1261      28529      33986     348565
       DIESEL

          HEAVY DUTY VEHICLES             4982       2200      20022       2686       8257
          OFF HIGHWAY                      213        165       2019        307        609
          RAIL                              92        209       1353        329        474
          TOTAL (DIESEL)                  5287       2574      23394       3322       9340
    AIRCRAFT

       MILITARY                              6          0          3          7         14
       CIVIL                                 7          4         34        100       2021
       COMMERCIAL                           14         31        316        280        869
       TOTAL (AIRCRAFT)                     27         35        353        387       2904
    VESSELS

       GASOLINE                              0          0          2         46        162
       TOTAL (VESSELS)                       0          0          2         46        162

    TOTAL (TRANSPORTATION)               28943       3870      52278      37741     360971
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       134          0         32        151       1108
    FOREST MANAGED BURNING                 121          1         24         87        678
    AGRICULTURAL BURNING                   590          0         84        546       3915
    STRUCTURAL FIRES                       281          0         28        210       1141
    GASOLINE STA EVAP LOSS                   0          0          0       5501          0
    SOLVENT EVAPORATION LOSS                 0          0          0      22393          0
    UNPAVED ROADS                        74274          0          0          0          0
    TOTAL (MISCELLANEOUS)                75400          1        168      28886       6842
GRAND TOTAL
***********
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA  AQCR:168 NORTHERN COASTAL PLAIN                  AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                          POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                             PARTICULATES       SOX            NOX            VOC            CO
                             ************  ************   ************   ************   ************
                              TONS / YR     TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              17            56              3             11            107
         DISTILLATE OIL               26           297            186              6             52
         NATURAL GAS                   2             0             95              3             18
         WOOD                       4354            46            343           9042          26875
         TOTAL (RESIDENTIAL)        4399           399            627           9062          27052
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              95           534            178              0             21
            POINT SOURCES             50           201             72              0             27
         RESIDUAL OIL
            POINT SOURCES            857         20654           3407             16            310
         DISTILLATE OIL
            AREA SOURCES               0             4              4              0              0
            POINT SOURCES             11           293            110              1             27
         NATURAL GAS
            AREA SOURCES               3             0            508            129             59
            POINT SOURCES              7             1           1138              4             94
         WOOD
            AREA SOURCES              12             0             12              9             23
            POINT SOURCES           1297            80            867            899           2092
         TOTAL (INDUSTRIAL)
            AREA SOURCES             110           538            702            138            103
            POINT SOURCES           2222         21229           5594            920           2550
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              20            75             14              0              9
         RESIDUAL OIL
            POINT SOURCES             31           412             68              1              6
         DISTILLATE OIL
            POINT SOURCES              0             1              0              0              0
         NATURAL GAS
            AREA SOURCES               1             0             61              1             10
         TOTAL (COMM-INST)
            AREA SOURCES              21            75             75              1             19
            POINT SOURCES             31           413             68              1              6
      TOTAL (EXTERNAL COMB)
            AREA SOURCES            4530          1012           1406           9201          27174
            POINT SOURCES           2253         21642           5662            921           2556
```

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SELECT CARD = <35                                                    25>
```

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*** I15 ***
    GOVERNMENT (POINT)                                                                                       *** I15 ***

        MUNICIPAL INCINERATION          2056          679          778          927          9029
        OTHER INCINERATION              5078           83          433           83             0
        TOTAL (GOVERNMENT)              7134          762         1211         1010          9029

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            8054          117          254        22672         68021
        OPEN BURNING                   11679          433         2989        15756         49974
        TOTAL (RESIDENTIAL)            19733          550         3243        38428        117995

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            1969          615          935         1140          2694
                POINT SOURCES            116           12           35           82           245
        OPEN BURNING
                AREA SOURCES              53            1           13          103           252
        TOTAL (COMM-INST)
                AREA SOURCES            2022          616          948         1243          2946
                POINT SOURCES            116           12           35           82           245

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             661          131          131          606           915
                POINT SOURCES            159           31           61          193           965
        OPEN BURNING
                AREA SOURCES             514           13          189          878          3073
        TOTAL (INDUSTRIAL)
                AREA SOURCES            1175          144          320         1482          3988
                POINT SOURCES            159           31           61          193           965

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           22930         1310         4511        41153        124929
                POINT SOURCES           7409          805         1307         1285         10239

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       205171         7605       163812       206274       2153168
            LIGHT DUTY TRUCKS          39236         2168        44845        52585        471057
            HEAVY DUTY VEHICLES        11519          955        29851        36620        576845
            OFF HIGHWAY                  629          343         7025        18677        236115
            TOTAL (GASOLINE)          256555        11071       245533       314156       3437185

        DIESEL

            HEAVY DUTY VEHICLES        31643        13492       123158        17137         52805
            OFF HIGHWAY                 4118         3225        38799         5908         11728
            RAIL                        3612         8220        53343        12953         18743
            TOTAL (DIESEL)             39373        24937       215300        35998         83276

    AIRCRAFT

        MILITARY                         837           54          430          984          2031
        CIVIL                             67           31          319          982         19669
        COMMERCIAL                        79          184         1911         1695          5262
        TOTAL (AIRCRAFT)                 983          269         2660         3661         26962

    VESSELS
```

```
SELECT CARD = <36    173                                                    45>
```

```
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                      2              30              48               4              10
            NATURAL GAS                        16             127             192              15              43
            TOTAL (ELEC GEN)                   16             157             240              19              53

        TOTAL (INTERNAL COMB)                  16             157             240              19              53

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 2929             932           10803            7827           18361
                POINT SOURCES                9823           42868            6655             233             742
INDUSTRIAL PROCESS (POINT)
*************************

    CHEMICAL MANUFACTURING                     65               0               0             763             945
    FOOD/AGRICULTURAL                          33               0               0             161               0
    PRIMARY METAL                              19            1230               0               0               0
    SECONDARY METALS                          143             557              12               0             788
    MINERAL PRODUCTS                         6615            1456            1182             513             557
    PETROLEUM INDUSTRY                          1               0               0               1               0
    ORGANIC SOLVENT EVAPORATION                 0               0               0              21               0
    TOTAL (INDUSTRIAL)                       6856            3241            1196            1459            2290
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  890              13              30            2505            7515
        OPEN BURNING                         1289              48             331            1740            5515
        TOTAL (RESIDENTIAL)                  2179              61             361            4245           13030

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  218              66             102             126             296
        OPEN BURNING
                AREA SOURCES                    5               0               2              10              25
        TOTAL (COMM-INST)
                AREA SOURCES                  223              66             104             136             321

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   77              15              15              71             108
        OPEN BURNING
                AREA SOURCES                   62               2              22             106             369
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  139              17              37             177             477

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 2541             144             502            4558           13828

TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             24000             856           18490           23996          251816
            LIGHT DUTY TRUCKS                4522             239            4916            5889           53428
```

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*** I18 ***
                                                                                                         *** I18 ***
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:36 OHIO             AQCR:180 SANDUSKY                      AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************   ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               13             143              89               5              26
         NATURAL GAS                  16               4             512              27             102
         WOOD                       1213              12              96            2516            7480
         TOTAL (RESIDENTIAL)        1242             159             697            2548            7608
      ELEC GENERATION (POINT)

         BITUMINOUS COAL             240               0               0              15              31
         DISTILLATE OIL                0               3               2               0               0
         NATURAL GAS                  32               0              58               0               7
         TOTAL (ELEC GEN)            272               3              60              15              38
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            875            4965             843              42             110
         RESIDUAL OIL
            POINT SOURCES              2              33              12               1               1
         DISTILLATE OIL
            AREA SOURCES               7              75              86               1              20
            POINT SOURCES             48             107              54               4               8
         NATURAL GAS
            AREA SOURCES               8               1            1788             563             227
            POINT SOURCES              1               0              75               1               2
         PROCESS GAS
            POINT SOURCES              9               0               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              15              76            1874             564             247
            POINT SOURCES            935            5105             984              48             121
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               4              12               5               0               0
         BITUMINOUS COAL
            POINT SOURCES            116             297              25               2               3
         DISTILLATE OIL
            AREA SOURCES               1              38              27               0               6
         NATURAL GAS
            AREA SOURCES               5               0             160               9              32
         TOTAL (COMM-INST)
            AREA SOURCES              10              50             192               9              38
```

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*** J01 ***
SELECT CARD = <27    144                                                   45>
                                                                                          *** J01 ***
*** J02 ***                                                                                        *** J02 ***
    SOLVENT EVAPORATION LOSS                      0          0          0          244          0
    UNPAVED ROADS                              4795          0          0            0          0
    TOTAL (MISCELLANEOUS)                      4804          0          1          397         54

GRAND TOTAL
***********

    AREA SOURCES                               5261        128       1363         1091       5337

    POINT SOURCES                              1100          8        194            2         22

    TOTAL                                      6361        136       1557         1093       5359
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	510	862	951	405	1301
POINT SOURCES	5868	41996	81906	183	1885
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	0	14	1	3
NATURAL GAS	31	1	910	28	253
TOTAL (ELEC GEN)	32	1	924	29	256
INDUSTRIAL FUEL					
NATURAL GAS	12	1	259	6	103
TOTAL (INDUSTRIAL)	12	1	259	6	103
TOTAL (INTERNAL COMB)	44	2	1183	35	359
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	510	862	951	405	1301
POINT SOURCES	5912	41998	83089	218	2244
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1	175	1	0	0
PRIMARY METAL	49	0	20	0	3
MINERAL PRODUCTS	5020	1	1	1	1
PETROLEUM STORAGE/TRANSPORT	0	0	0	626	0
OTHER/NOT CLASSIFIED	4	0	0	0	0
TOTAL (INDUSTRIAL)	5074	176	22	627	4
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	8	0	0	22	66
TOTAL (RESIDENTIAL)	8	0	0	22	66
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	2	0	1	1	2
TOTAL (COMM-INST)					
AREA SOURCES	2	0	1	1	2
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	10	0	1	23	68
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	11453	314	6250	9316	98773
LIGHT DUTY TRUCKS	3397	127	2406	3533	32984
HEAVY DUTY VEHICLES	267	17	481	783	12234
OFF HIGHWAY	20	11	227	604	7640
TOTAL (GASOLINE)	15137	469	9364	14236	151631
DIESEL					

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SELECT CARD = <30    107                                        45>
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OTHER INCINERATION	37	25	141	27	0
TOTAL (GOVERNMENT)	257	71	193	103	584
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1056	14	34	2970	8905
OPEN BURNING	3530	132	904	4762	15106
TOTAL (RESIDENTIAL)	4586	146	938	7732	24011
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	6220	1963	2944	3600	8509
POINT SOURCES	227	26	39	61	106
TOTAL (COMM-INST)					
AREA SOURCES	6220	1963	2944	3600	8509
POINT SOURCES	227	26	39	61	106
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	195	40	40	177	262
POINT SOURCES	1023	47	342	81	128
TOTAL (INDUSTRIAL)					
AREA SOURCES	195	40	40	177	262
POINT SOURCES	1023	47	342	81	128
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	11001	2149	3922	11509	32782
POINT SOURCES	1507	144	574	245	818
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	176922	5716	123056	170837	1825165
LIGHT DUTY TRUCKS	20879	955	18961	25139	236526
HEAVY DUTY VEHICLES	6254	450	13636	19413	303313
OFF HIGHWAY	330	177	3668	9758	123373
TOTAL (GASOLINE)	204385	7298	159321	225147	2488377
DIESEL					
HEAVY DUTY VEHICLES	17130	6708	61760	9352	29036
OFF HIGHWAY	596	467	5617	855	1699
RAIL	154	346	2262	549	794
TOTAL (DIESEL)	17880	7521	69639	10756	31529
AIRCRAFT					
MILITARY	618	39	318	728	1502
CIVIL	40	24	181	555	11131
COMMERCIAL	58	135	1395	1237	3841
TOTAL (AIRCRAFT)	716	198	1894	2520	16474
VESSELS					
DIESEL FUEL	617	772	5769	1444	2018
RESIDUAL OIL	1073	14143	2324	139	78
GASOLINE	0	47	280	6107	21768
TOTAL (VESSELS)	1690	14962	8373	7690	23864
TOTAL (TRANSPORTATION)	224671	29979	239227	246113	2560244

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*** J06 ***                                                                                                    *** J06 ***
                AREA SOURCES              400          126          189          231          547
                POINT SOURCES              43            0            2            2            4
         TOTAL (COMM-INST)
                AREA SOURCES              400          126          189          231          547
                POINT SOURCES              43            0            2            2            4

      INDUSTRIAL

         ON SITE INCINERATION
                AREA SOURCES                3            1            1            3            4
                POINT SOURCES               5            1            1            4            7
         TOTAL (INDUSTRIAL)
                AREA SOURCES                3            1            1            3            4
                POINT SOURCES               5            1            1            4            7

      TOTAL (SOLID WASTE DISP)
                AREA SOURCES             1399          162          426         1706         5176
                POINT SOURCES              67            6           40           13           11
TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES         17973          649        14053        18231       189443
            LIGHT DUTY TRUCKS            2921          144         2881         3689        33986
            HEAVY DUTY VEHICLES           532           42         1311         1679        26376
            OFF HIGHWAY                    29           15          320          851        10755
            TOTAL (GASOLINE)            21455          850        18565        24450       260560
         DIESEL

            HEAVY DUTY VEHICLES          1188          499         4570          644         1989
            OFF HIGHWAY                    67           52          630           96          191
            RAIL                           16           35          231           56           81
            TOTAL (DIESEL)               1271          586         5431          796         2261
      AIRCRAFT

         MILITARY                         226           14          116          266          548
         CIVIL                              3            3           18           55         1087
         COMMERCIAL                         3            6           61           54          167
         TOTAL (AIRCRAFT)                 232           23          195          375         1802
      VESSELS

         DIESEL FUEL                      285          356         2656          665          929
         GASOLINE                           0           30          174         3819        13614
         TOTAL (VESSELS)                  285          386         2830         4484        14543

      TOTAL (TRANSPORTATION)            23243         1845        27021        30105       279166
MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                    452            4          106          512         3724
      FOREST MANAGED BURNING              237            2           47          170         1327
      STRUCTURAL FIRES                    162            0           16          121          657
      GASOLINE STA EVAP LOSS                0            0            0         3058            0
      SOLVENT EVAPORATION LOSS              0            0            0         7843            0
      UNPAVED ROADS                      1787            0            0            0            0
      UNPAVED AIRSTRIPS                    11            0            0            0            0
      TOTAL (MISCELLANEOUS)              2649            6          169        11704         5708
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*** J07 ***                                                                                                   *** J07 ***
SELECT CARD = <32    014                                                          45>
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*** JOB ***                                                                                                              *** JOB ***
          CIVIL                                0               0               2               9              176
          TOTAL (AIRCRAFT)                     0               0               2               9              176

     VESSELS

          GASOLINE                             0               1               8             198              705
          TOTAL (VESSELS)                      0               1               8             198              705

     TOTAL (TRANSPORTATION)                 2888             500            5459            5774            61866

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                         83               0              19              94              688
     FOREST MANAGED BURNING                 1191               9             238             851             6667
     STRUCTURAL FIRES                         15               0               1              12               66
     GASOLINE STA EVAP LOSS                    0               0               0             627                0
     SOLVENT EVAPORATION LOSS                  0               0               0             426                0
     UNPAVED ROADS                        167474               0               0               0                0
     UNPAVED AIRSTRIPS                        26               0               0               0                0
     TOTAL (MISCELLANEOUS)                168789               9             258            2010             7421

GRAND TOTAL
***********

     AREA SOURCES                         174559             677            6122           13691            86908

     POINT SOURCES                            88             429            2567             593             1419

     TOTAL                                174647            1106            8689           14284            88327
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          POINT SOURCES            5487        8122        1607          10         528
        RESIDUAL OIL
          POINT SOURCES            5722       76741       25082         511        2269
        DISTILLATE OIL
          POINT SOURCES             779       19647        4029          63        1006
        NATURAL GAS
          AREA SOURCES              185          30        6409         343        1282
          POINT SOURCES              56          10        2391          77         545
        TOTAL (COMM-INST)
          AREA SOURCES              239         346        6455         344        1309
          POINT SOURCES           12356      106946       33428         663        4366

      TOTAL (EXTERNAL COMB)
          AREA SOURCES            54117       24010       48186      109534      326755
          POINT SOURCES          135162      934441      319009        4406       27557

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL             39         218         527          37         120
          NATURAL GAS                71           2        2225          67         597
          TOTAL (ELEC GEN)          110         220        2752         104         717

      COMM-INSTITUTIONAL

          TOTAL (COMM-INST)          18          17         253          17          55

      TOTAL (INTERNAL COMB)         128         237        3005         121         772

   TOTAL (FUEL COMBUSTION)

          AREA SOURCES            54117       24010       48186      109534      326755
          POINT SOURCES          135290      934678      322014        4527       28329
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING           231           0          94          68           0
   FOOD/AGRICULTURAL                 76           0           0         116           0
   PRIMARY METAL                    216           0           0           0           0
   SECONDARY METALS                 141           0           0           0           0
   MINERAL PRODUCTS                6070       14420        3676           0           0
   ORGANIC SOLVENT EVAPORATION        0           0           0         880           0
   PETROLEUM STORAGE/TRANSPORT        0           0           0         231           0
   OTHER/NOT CLASSIFIED           12721       17940        1375       15417        3395
   TOTAL (INDUSTRIAL)             19455       32360        5145       16712        3395
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION      22756        3636        3898        3454       49494
      TOTAL (GOVERNMENT)          22756        3636        3898        3454       49494

   RESIDENTIAL (AREA)

      ON SITE INCINERATION         2469          31          70        6960       20884
      OPEN BURNING                11639         431        2978       15700       49800
      TOTAL (RESIDENTIAL)         14108         462        3048       22660       70684

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES           2463         770        1163        1427        3366
        RAIL                               14          33          209          49          72
        TOTAL (DIESEL)                    538         329         3085         407        1016

    AIRCRAFT

      MILITARY                            365          24          187         429         886
      CIVIL                                 1           0           12          38         739
      TOTAL (AIRCRAFT)                    366          24          199         467        1625

    VESSELS

      DIESEL FUEL                           2           2           14           4           4
      GASOLINE                              0          27          149        3266       11643
      TOTAL (VESSELS)                       2          29          163        3270       11647

    TOTAL (TRANSPORTATION)               7679         817        13129       14279      112648

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      133           0           33         152        1106
    STRUCTURAL FIRES                      112           0            9          85         459
    GASOLINE STA EVAP LOSS                  0           0            0        1411           0
    SOLVENT EVAPORATION LOSS                0           0            0        5707           0
    UNPAVED ROADS                        8627           0            0           0           0
    TOTAL (MISCELLANEOUS)                8872           0           42        7355        1565

GRAND TOTAL
***********

    AREA SOURCES                        26700        1530        14945       42418      176031

    POINT SOURCES                        5836       52847         9921         686        1267

    TOTAL                               32536       54377        24866       43104      177298
```

```
*** J11 ***
               AREA SOURCES              40            212            226             12             57     *** J11 ***
               POINT SOURCES           1093           7285           1120             18            146

       TOTAL (EXTERNAL COMB)
               AREA SOURCES            5326            885           1755          10913          32530
               POINT SOURCES           4415          37424           9021            105           1360
    TOTAL (FUEL COMBUSTION)

               AREA SOURCES            5326            885           1755          10913          32530
               POINT SOURCES           4415          37424           9021            105           1360
INDUSTRIAL PROCESS (POINT)
**************************

    OTHER/NOT CLASSIFIED                565              1              2            540              0
    TOTAL (INDUSTRIAL)                  565              1              2            540              0
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           11              0              0              3              5
        TOTAL (GOVERNMENT)               11              0              0              3              5
    RESIDENTIAL (AREA)

        ON SITE INCINERATION             63              0              1            181            541
        OPEN BURNING                    293             10             74            397           1257
        TOTAL (RESIDENTIAL)             356             10             75            578           1798
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES              62             19             29             37             84
               POINT SOURCES             46              9              8             39             61
        OPEN BURNING
               AREA SOURCES               1              0              0              2              4
        TOTAL (COMM-INST)
               AREA SOURCES              63             19             29             39             88
               POINT SOURCES             46              9              8             39             61
    INDUSTRIAL

        ON SITE INCINERATION
               AREA SOURCES               9              1              1              8             15
        OPEN BURNING
               AREA SOURCES               6              0              2             10             35
        TOTAL (INDUSTRIAL)
               AREA SOURCES              15              1              3             18             50

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES             434             30            107            635           1936
               POINT SOURCES             57              9              8             42             66
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        7678            397           8747           9255          87851
            LIGHT DUTY TRUCKS          1767            135           2799           2797          22773
            HEAVY DUTY VEHICLES         308             33           1079           1030          16502
```

```
*** J12 ***
   AREA SOURCES                         116739          8150         59089         89744        435590   *** J12 ***

   POINT SOURCES                         38108        114016         64470         34571          2933

   TOTAL                                154847        122166        123559        124315        438523
```

```
*** J13 ***
    INTERNAL COMBUSTION (POINT)                                                                                          *** J13 ***

        ELECTRIC GENERATION

            DISTILLATE OIL                   3               15               36                3                8
            TOTAL (ELEC GEN)                 3               15               36                3                8

        TOTAL (INTERNAL COMB)                3               15               36                3                8

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              4530             1012             1404             9201            27174
                POINT SOURCES             2256            21657             5698              924             2564
INDUSTRIAL PROCESS (POINT)
*************************

    CHEMICAL MANUFACTURING                 582            13952              853                8                4
    FOOD/AGRICULTURAL                     1763                0                0                0                0
    SECONDARY METALS                         5                0                0                0               46
    MINERAL PRODUCTS                       801             4188              664               44               22
    WOOD PRODUCTS                         4007             1897              612               36            13575
    ORGANIC SOLVENT EVAPORATION              0                0                0               25                0
    PETROLEUM STORAGE/TRANSPORT              0                0                0              149                0
    TEXTILE MANUFACTURING                   30                0                0              221                0
    OTHER/NOT CLASSIFIED                     0              558                0                0                0
    TOTAL (INDUSTRIAL)                    7188            20595             2109              483            13647
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                82                0                1              233              694
        OPEN BURNING                       993               37              253             1341             4250
        TOTAL (RESIDENTIAL)               1075               37              254             1574             4944

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                15                2                7                9               21
        OPEN BURNING
                AREA SOURCES                 1                0                0                2                4
        TOTAL (COMM-INST)
                AREA SOURCES                16                2                7               11               25

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                46                8                8               43               65
        OPEN BURNING
                AREA SOURCES                37                0               14               61              215
        TOTAL (INDUSTRIAL)
                AREA SOURCES                83                8               22              104              280

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              1174               47              283             1609             5249
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           3502              225             4918             4779            41628
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                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE EMISSIONS REPORT
**************************                                               RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE 35:NORTH DAKOTA                                      AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                          POINT EMISSIONS AS OF:      MONDAY      JULY 11, 1983

                         PARTICULATES        SOX             NOX             VOC              CO
                         ************   ************    ************    ************    ************
                          TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      BITUMINOUS COAL            88           175              14              58             523
      DISTILLATE OIL             50           654             410              10             115
      NATURAL GAS                12             1             612              29             119
      WOOD                      644             7              52            1337            3975
      TOTAL (RESIDENTIAL)       794           837            1088            1434            6730

    ELEC GENERATION (POINT)

      LIGNITE                 16487         87130           85119             478            5057
      DISTILLATE OIL              0            43              41               0               9
      NATURAL GAS                 0             0               1               0               0
      TOTAL (ELEC GEN)        16487         87173           85161             478            5066

    INDUSTRIAL FUEL

      BITUMINOUS COAL
         AREA SOURCES          2858          6945            3454              10             643
      LIGNITE
         POINT SOURCES          691          1149             383               4             319
      RESIDUAL OIL
         AREA SOURCES            88          1141             261               0              23
         POINT SOURCES          191          2552             676              26              65
      DISTILLATE OIL
         AREA SOURCES            50           556             625              19             147
         POINT SOURCES            1            12               5               0               1
      NATURAL GAS
         AREA SOURCES            14             2           14601            5835            1987
         POINT SOURCES            5             0             411              14              60
      PROCESS GAS
         POINT SOURCES            0           284               7               2               2
      TOTAL (INDUSTRIAL)
         AREA SOURCES          3010          8642           18941            5864            2600
         POINT SOURCES          888          3997            1482              46             447

    COMM-INSTITUTIONAL FUEL

      BITUMINOUS COAL
         AREA SOURCES           607           956             320              11             190
      LIGNITE
         POINT SOURCES         1711           659             176               4             149
      RESIDUAL OIL
         AREA SOURCES            13           246              59               0               3
         POINT SOURCES            2            36               9               0               0
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        BITUMINOUS COAL                   3531          3648           177           589          5295
        DIESEL FUEL                         36            43           329            80           113
        RESIDUAL OIL                         4            56             8             0             0
        GASOLINE                             0            78           479         10610         37825
        TOTAL (VESSELS)                   3571          3823           993         11279         43233

    TOTAL (TRANSPORTATION)              300482         40100        464486        365094       3590656

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      7939            70          1866          8966         65374
    STRUCTURAL FIRES                      3046             0           291          2281         12396
    GASOLINE STA EVAP LOSS                   0             0             0         44666             0
    SOLVENT EVAPORATION LOSS                 0             0             0        199029             0
    UNPAVED ROADS                       394720             0             0             0             0
    UNPAVED AIRSTRIPS                      184             0             0             0             0
    TOTAL (MISCELLANEOUS)               405889            70          2157        254942         77770

GRAND TOTAL
***********

    AREA SOURCES                        779443         50800        564412        780286       4104786

    POINT SOURCES                       361466       2676792        646456        182816        361806

    TOTAL                              1140909       2727592       1210868        963102       4466592
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:36 OHIO            AQCR:173 DAYTON                                AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             30            348            218              8             60
         NATURAL GAS                55             11           1810             97            362
         WOOD                     2652             26            209           5502          16356
         TOTAL (RESIDENTIAL)      2737            385           2237           5607          16778

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          3072          17057           9644             17            967
         DISTILLATE OIL              9             35             24              4             24
         NATURAL GAS                 0              0             69              0              9
         TOTAL (ELEC GEN)         3081          17092           9737             21           1000

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          451           3103           1681             57            166
         DISTILLATE OIL
            AREA SOURCES            18            169            191              6             65
            POINT SOURCES           32             87            118             10             12
         NATURAL GAS
            AREA SOURCES            20              3           4099           1289            520
            POINT SOURCES           15              3           1085             12             29
         WOOD
            POINT SOURCES           17              7             57             11             11
         TOTAL (INDUSTRIAL)
            AREA SOURCES            38            172           4290           1295            565
            POINT SOURCES          515           3200           2941             90            196

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES            17             60             21              0              1
         BITUMINOUS COAL
            POINT SOURCES         3017           3069           1569             43            178
         DISTILLATE OIL
            AREA SOURCES            10            150            103              1             26
            POINT SOURCES            1             26             13              1              3
         NATURAL GAS
            AREA SOURCES            22              4            755             39            150
         TOTAL (COMM-INST)
            AREA SOURCES            49            214            879             40            177
            POINT SOURCES         3018           3095           1582             44            181
```

```
*** J17 ***                                                                                          *** J17 ***
          HEAVY DUTY VEHICLES               1850         142         4361         5799        90918
          OFF HIGHWAY                         59          33          661         1760        22248
          TOTAL (GASOLINE)                 30431        1270        28408        37444       418410

      DIESEL

          HEAVY DUTY VEHICLES               4256        1733        15885         2316         7165
          OFF HIGHWAY                        352         276         3316          506         1003
          RAIL                               425         970         6290         1527         2210
          TOTAL (DIESEL)                    5033        2979        25491         4347        10378

   AIRCRAFT

       MILITARY                              348          23          179          410          846
       CIVIL                                   8           5           42          132         2637
       COMMERCIAL                             18          41          430          381         1183
       TOTAL (AIRCRAFT)                      374          69          651          923         4666

   VESSELS

       GASOLINE                                0           5           34          769         2744
       TOTAL (VESSELS)                         0           5           34          769         2744

   TOTAL (TRANSPORTATION)                  35838        4323        54584        43483       436198

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          371           3           87          619         3055
   STRUCTURAL FIRES                          336           0           32          252         1370
   GASOLINE STA EVAP LOSS                      0           0            0         5320            0
   SOLVENT EVAPORATION LOSS                    0           0            0        22030            0
   UNPAVED ROADS                           34092           0            0            0            0
   UNPAVED AIRSTRIPS                          32           0            0            0            0
   TOTAL (MISCELLANEOUS)                   34831           3          119        28021         4425

GRAND TOTAL
***********

   AREA SOURCES                            76139        5402        66008        83889       472792

   POINT SOURCES                           16679       46109         7849         1692         3032

   TOTAL                                   92818       51511        73857        85581       475824
```

```
*** J18 ***                                                                                                  *** J18 ***
                 POINT SOURCES           116             297              25               2               3

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES           1267             285            2763            3121            7893
                 POINT SOURCES          1323            5405            1069              65             162

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           1267             285            2763            3121            7893
                 POINT SOURCES          1323            5405            1069              65             162

 INDUSTRIAL PROCESS (POINT)
 **************************

      CHEMICAL MANUFACTURING              78             728               0            6144               0
      FOOD/AGRICULTURAL                  366               0               0             630               0
      PRIMARY METAL                        2               0               0               0             218
      SECONDARY METALS                   669             246              11               0            2832
      MINERAL PRODUCTS                 12851            3222            3286               6            3483
      WOOD PRODUCTS                        8               0               0               0               0
      ORGANIC SOLVENT EVAPORATION          0               0               0            3968               0
      TEXTILE MANUFACTURING                0               0               0             297               0
      OTHER/NOT CLASSIFIED                 1            3998               0               0               0
      TOTAL (INDUSTRIAL)               13975            8194            3297           11045            6533

 SOLID WASTE DISPOSAL
 ********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION            215               4               6             606            1819
         OPEN BURNING                    313              12              79             420            1334
         TOTAL (RESIDENTIAL)             528              16              85            1026            3153

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES             51              16              24              29              70
         TOTAL (COMM-INST)
                 AREA SOURCES             51              16              24              29              70

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES             13               3               3              12              18
         OPEN BURNING
                 AREA SOURCES             12               0               5              20              70
         TOTAL (INDUSTRIAL)
                 AREA SOURCES             25               3               8              32              88

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            604              35             117            1087            3311

 TRANSPORTATION (AREA)
 *********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES        5123             256            5521            5886           57044
             LIGHT DUTY TRUCKS          1388              95            1976            2069           17456
             HEAVY DUTY VEHICLES         357              36            1174            1179           18810
             OFF HIGHWAY                  16               9             194             513            6491
             TOTAL (GASOLINE)           6884             394            8865            9647           99801
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*** K01 ***                                                                                                   *** K01 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT
****************************                                                       RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:27 MONTANA        AQCR:144 MISSOULA                              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                      POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES        SOX             NOX             VOC              CO
                            ************    ************    ************    ************    ************
                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             3              15               0               2              22
         DISTILLATE OIL              4              88              36               0              10
         NATURAL GAS                 6               1             185               9              38
         WOOD                     4370              47             344            9073           26968
         TOTAL (RESIDENTIAL)      4383             151             565            9084           27038

      ELEC GENERATION (POINT)

         RESIDUAL OIL                0               1               0               0               0
         NATURAL GAS                 0               0               2               0               1
         OTHER                     573              28             596             361             851
         TOTAL (ELEC GEN)          573              29             598             361             852

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           319            1339             333               1              43
         RESIDUAL OIL
            AREA SOURCES           344            3683             981               4              89
            POINT SOURCES           17             237              37               0               4
         DISTILLATE OIL
            AREA SOURCES            10             156             117               3              26
            POINT SOURCES            0              38               3               0               1
         NATURAL GAS
            AREA SOURCES             0               0              80              31              11
            POINT SOURCES            2               0             410               2              37
         WOOD
            POINT SOURCES          670              46             783             655            1471
         TOTAL (INDUSTRIAL)
            AREA SOURCES           673            5178            1511              39             169
            POINT SOURCES          689             321            1233             657            1513

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES             5             108              50               0              12
         NATURAL GAS
            AREA SOURCES             4               0             154               7              31
         TOTAL (COMM-INST)
            AREA SOURCES             9             108             204               7              43

      TOTAL (EXTERNAL COMB)
            AREA SOURCES          5065            5437            2280            9130           27250
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*** K02 ***                                                                                          *** K02 ***
SELECT CARD = <28    145                                              45>
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HEAVY DUTY VEHICLES	1458	525	2407	1121	8899
OFF HIGHWAY	95	74	895	136	270
RAIL	176	401	2603	632	915
TOTAL (DIESEL)	1729	1000	5905	1889	10084
AIRCRAFT					
MILITARY	596	39	306	701	1448
CIVIL	6	3	25	79	1577
COMMERCIAL	45	104	1082	959	2980
TOTAL (AIRCRAFT)	647	146	1413	1739	6005
VESSELS					
GASOLINE	0	5	27	602	2146
TOTAL (VESSELS)	0	5	27	602	2146
TOTAL (TRANSPORTATION)	17513	1620	16709	18466	169866
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	587	5	138	663	4832
STRUCTURAL FIRES	2	0	0	1	8
GASOLINE STA EVAP LOSS	0	0	0	2281	0
SOLVENT EVAPORATION LOSS	0	0	0	6222	0
UNPAVED ROADS	229419	0	0	0	0
UNPAVED AIRSTRIPS	280	0	0	0	0
TOTAL (MISCELLANEOUS)	230288	5	138	9167	4840
GRAND TOTAL ***********					
AREA SOURCES	248321	2487	17799	28061	176075
POINT SOURCES	10986	42174	83111	845	2248
TOTAL	259307	44661	100910	28906	178323

```
*** K04 ***
                                                                                                                    *** K04 ***
                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                     RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:30 NEW HAMPSHIRE    AQCR:107 ANDROSCOGGIN VALLEY               AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0               0                0                0                1
         DISTILLATE OIL                10             121               75                3               21
         NATURAL GAS                    0               0                4                0                1
         WOOD                         694               7               55             1440             4280
         TOTAL (RESIDENTIAL)          704             128              134             1443             4303

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                7              83               19                0                2
            POINT SOURCES             636            8995             2690               24              124
         DISTILLATE OIL
            AREA SOURCES                0               5                6                0                1
         NATURAL GAS
            AREA SOURCES                0               0                1                0                0
         COKE
            AREA SOURCES                0               1                0                0                0
         WOOD
            POINT SOURCES             122             203              412              271              273
         TOTAL (INDUSTRIAL)
            AREA SOURCES                7              89               26                0                3
            POINT SOURCES             758            9198             3102              295              397

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                1               3                1                0                0
         RESIDUAL OIL
            AREA SOURCES                4              55               13                0                1
            POINT SOURCES               3              44                7                0                1
         DISTILLATE OIL
            AREA SOURCES                1              11                8                0                2
         NATURAL GAS
            AREA SOURCES                0               0                5                0                1
         TOTAL (COMM-INST)
            AREA SOURCES                6              69               27                0                4
            POINT SOURCES               3              44                7                0                1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              717             286              187             1443             4310
            POINT SOURCES             761            9242             3109              295              398
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*** K05 ***
MISCELLANEOUS (AREA)                                                                                    *** K05 ***
********************

    FOREST WILDFIRES                 1396          11          329          1577          11491
    FOREST MANAGED BURNING            526           3          106           376           2947
    STRUCTURAL FIRES                 2049           0          193          1534           8342
    GASOLINE STA EVAP LOSS              0           0            0         29505              0
    SOLVENT EVAPORATION LOSS            0           0            0        128619              0
    UNPAVED ROADS                   20290           0            0             0              0
    UNPAVED AIRSTRIPS                  17           0            0             0              0
    TOTAL (MISCELLANEOUS)           24278          14          628        161611          22780

GRAND TOTAL
***********

    AREA SOURCES                   285813       65013       280374        464916        2753599

    POINT SOURCES                  332597      224680       129725        406612          86905

    TOTAL                          618410      289693       410099        871528        2840504
```

*** K06 ***
GRAND TOTAL
****

AREA SOURCES	32453	4600	30928	53611	320201
POINT SOURCES	44147	56137	22004	4455	11953
TOTAL	76600	60737	52932	58066	332154

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:32 NEW MEXICO      AQCR:014 FOUR CORNERS                          AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                PARTICULATES          SOX             NOX             VOC              CO
                                ************     ************    ************    ************    ************
                                 TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 14              43               3               9              84
         DISTILLATE OIL                   0               9               4               0               1
         NATURAL GAS                      5               1             144               7              29
         WOOD                          1731              18             137            3594           10681
         TOTAL (RESIDENTIAL)           1750              71             288            3610           10795

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              22825           68419           62500            1155            5146
         DISTILLATE OIL                   0              13              31               2              20
         NATURAL GAS                      7               2             100               2              12
         TOTAL (ELEC GEN)             22832           68434           62631            1159            5178

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 26             284              76               0               7
         DISTILLATE OIL
            AREA SOURCES                  3              54              41               2              10
         NATURAL GAS
            AREA SOURCES                  0               0              23               0               6
            POINT SOURCES                16             539             552              12              51
         PROCESS GAS
            POINT SOURCES                 2              17              35               2              26
         WOOD
            POINT SOURCES               461              96             640            2304            1984
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 29             338             140               2              23
            POINT SOURCES               477             652            1227            2318            2061

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                  2              23               6               0               1
         DISTILLATE OIL
            AREA SOURCES                  1              19               9               0               2
         NATURAL GAS
            AREA SOURCES                  3               0              94               5              19
         TOTAL (COMM-INST)
            AREA SOURCES                  6              42             109               5              22

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               1785             451             537            3617           10840
```

```
*** K08 ***                                                                                          *** K08 ***
SELECT CARD = <32    155                                                      45>
```

```
*** K09 ***
                POINT SOURCES            1771          330          360          884         1738      *** K09 ***
        OPEN BURNING
                AREA SOURCES               37            0           11           74          191
        TOTAL (COMM-INST)
                AREA SOURCES             2500          770         1174         1501         3557
                POINT SOURCES            1771          330          360          884         1738

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              358           65           65          327          502
                POINT SOURCES             622         1137          908         6815         9089
        OPEN BURNING
                AREA SOURCES              302            8          112          514         1795
        TOTAL (INDUSTRIAL)
                AREA SOURCES              660           73          177          841         2297
                POINT SOURCES             622         1137          908         6815         9089

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            17268         1305         4399        25002        76538
                POINT SOURCES           25149         5103         5166        11153        60321
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        268250         9485       205407       269872      2829492
            LIGHT DUTY TRUCKS           35959         1967        39934        47345       425463
            HEAVY DUTY VEHICLES         10342          805        24733        32498       509969
            OFF HIGHWAY                   745          397         8271        22003       278185
            TOTAL (GASOLINE)           315296        12654       278345       371718      4043109

        DIESEL

            HEAVY DUTY VEHICLES         16599         6991        63892         9004        27765
            OFF HIGHWAY                  1273         1002        12015         1831         3634
            RAIL                          633         1444         9382         2279         3294
            TOTAL (DIESEL)              18505         9437        85289        13114        34693
    AIRCRAFT

        MILITARY                         1005           63          515         1182         2641
        CIVIL                              52           30          265          818        16394
        COMMERCIAL                        216          496         5163         4575        14215
        TOTAL (AIRCRAFT)                 1273          589         5943         6575        33050

    VESSELS

        DIESEL FUEL                       502          625         4662         1166         1627
        RESIDUAL OIL                     1094        14417         2370          142           80
        GASOLINE                            0          100          568        12480        44496
        TOTAL (VESSELS)                  1596        15142         7600        13788        46203

    TOTAL (TRANSPORTATION)             336670        37822       377177       405195      4157055
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     1554           11          370         1756        12805
    STRUCTURAL FIRES                     5125            0          482         3831        20852
    GASOLINE STA EVAP LOSS                  0            0            0        51171            0
    SOLVENT EVAPORATION LOSS                0            0            0       240450            0
    UNPAVED ROADS                      119030            0            0            0            0
```

```
*** K10 ***                                                                                    *** K10 ***
SELECT CARD = <33    160                                                    45>
```

```
*** K11 ***
        OFF HIGHWAY                        31          15          327          869        10980   *** K11 ***
        TOTAL (GASOLINE)                 9784         580        12952        13951       138106

      DIESEL

        HEAVY DUTY VEHICLES               596         298         2686          318          963
        OFF HIGHWAY                       105          82          987          151          299
        RAIL                               18          40          259           63           90
        TOTAL (DIESEL)                    719         420         3932          532         1352

    AIRCRAFT

      MILITARY                              5           0            3            6           12
      CIVIL                                 2           1           14           43          886
      COMMERCIAL                            7          16          171          151          470
      TOTAL (AIRCRAFT)                     14          17          188          200         1368

    VESSELS

      GASOLINE                              0           3           15          327         1167
      TOTAL (VESSELS)                       0           3           15          327         1167

    TOTAL (TRANSPORTATION)              10517        1020        17087        15010       141993

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       87           0           21           98          716
    STRUCTURAL FIRES                      140           0           13          102          567
    GASOLINE STA EVAP LOSS                  0           0            0         2083            0
    SOLVENT EVAPORATION LOSS                0           0            0         7583            0
    UNPAVED ROADS                        8849           0            0            0            0
    UNPAVED AIRSTRIPS                       7           0            0            0            0
    TOTAL (MISCELLANEOUS)                9083           0           34         9866         1281

GRAND TOTAL
***********

    AREA SOURCES                        25360        1935        18983        36424       177740

    POINT SOURCES                        5037       37634         9031          687         1426

    TOTAL                               30397       39369        28014        37111       179166
```

```
*** K12 ***                                                                                          *** K12 ***
SELECT CARD = <34    165                                                        65>
```

```
*** K13 ***
          LIGHT DUTY TRUCKS              1028          92        1861        1691       12787   *** K13 ***
          HEAVY DUTY VEHICLES             384          48        1630        1347       21821
          OFF HIGHWAY                      13           8         173         460        5800
          TOTAL (GASOLINE)               4927         373        8590        8277       82036

       DIESEL

          HEAVY DUTY VEHICLES             507         286        2565         265         794
          OFF HIGHWAY                      54          43         501          78         152
          RAIL                             26          59         377          93         135
          TOTAL (DIESEL)                  587         388        3443         436        1081

    AIRCRAFT

       CIVIL                                2           0           9          34         677
       TOTAL (AIRCRAFT)                     2           0           9          34         677

    VESSELS

       DIESEL FUEL                         16          17         134          33          47
       GASOLINE                             0          48         276        6075       21654
       TOTAL (VESSELS)                     14          65         410        6108       21701

    TOTAL (TRANSPORTATION)               5530         826       12452       14855      105495

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     1702          14         400        1923       14028
    FOREST MANAGED BURNING                836           6         169         597        4681
    AGRICULTURAL BURNING                  504           0          72         465        3351
    STRUCTURAL FIRES                       79           0           7          58         320
    GASOLINE STA EVAP LOSS                  0           0           0        1369           0
    SOLVENT EVAPORATION LOSS                0           0           0        4512           0
    UNPAVED ROADS                       19340           0           0           0           0
    UNPAVED AIRSTRIPS                       2           0           0           0           0
    TOTAL (MISCELLANEOUS)               22463          20         648        8924       22380
GRAND TOTAL
***********

    AREA SOURCES                        33697        1905       14787       34669      160298

    POINT SOURCES                        9464       42252        7807        1407       16211

    TOTAL                               43161       44157       22594       36076      176509
```

DISTILLATE OIL					
AREA SOURCES	23	416	288	1	69
POINT SOURCES	0	55	7	0	1
NATURAL GAS					
AREA SOURCES	8	1	438	17	82
POINT SOURCES	1	0	63	1	15
TOTAL (COMM-INST)					
AREA SOURCES	651	1619	1105	29	346
POINT SOURCES	1716	750	275	5	165
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4455	11098	21136	7327	7674
POINT SOURCES	19089	91920	86918	529	5678
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	0	0	1	0	0
TOTAL (ELEC GEN)	0	0	1	0	0
INDUSTRIAL FUEL					
NATURAL GAS	5	0	1874	45	237
TOTAL (INDUSTRIAL)	5	0	1874	45	237
TOTAL (INTERNAL COMB)	5	0	1875	45	237
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4455	11098	21136	7327	7674
POINT SOURCES	19094	91920	88793	574	5915
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	62	5151	0	0	0
FOOD/AGRICULTURAL	743	0	0	0	0
SECONDARY METALS	5	1	0	0	151
MINERAL PRODUCTS	2795	44	23	45	22
PETROLEUM INDUSTRY	893	2651	581	1027	50342
PETROLEUM STORAGE/TRANSPORT	0	0	0	310	0
TOTAL (INDUSTRIAL)	4498	7847	604	1382	50515
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	668	4	13	1879	5636
OPEN BURNING	1553	59	397	2095	6640
TOTAL (RESIDENTIAL)	2221	63	410	3974	12276
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	76	20	35	45	122
TOTAL (COMM-INST)					
AREA SOURCES	76	20	35	45	122
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	14	0	0	16	27
TOTAL (INDUSTRIAL)					
AREA SOURCES	14	0	0	16	27

```
*** K15 ***                                                                                              *** K15 ***
SELECT CARD = <36    079                                        45>
```

```
*** K16 ***
        TOTAL (EXTERNAL COMB)                                                                                        *** K16 ***
              AREA SOURCES            2826            771           7606           6962          17520
             POINT SOURCES            6614          23387          14260            155           1377
     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL              60              9             17             68            190
            NATURAL GAS                  7              0             92              8             25
            TOTAL (ELEC GEN)            67              9            109             76            215

        TOTAL (INTERNAL COMB)           67              9            109             76            215

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES            2826            771           7606           6962          17520
             POINT SOURCES            6681          23396          14369            231           1592
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             29              0              0            456              0
     FOOD/AGRICULTURAL                 277              1              0              0              0
     PRIMARY METAL                      62              0              0              0              0
     SECONDARY METALS                  622            135              0              0             82
     MINERAL PRODUCTS                 1099           3336             35            261           1401
     WOOD PRODUCTS                      22              0           1228             32             52
     ORGANIC SOLVENT EVAPORATION        10              0              0              0              0
     PETROLEUM STORAGE/TRANSPORT         0              0              0          19422              0
     METAL FABRICATION                  19              0              0           1696              0
     OTHER/NOT CLASSIFIED               12           1799              0              0              0
     TOTAL (INDUSTRIAL)               2132           5271           1263          21865           1535
SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

        MUNICIPAL INCINERATION         722            626            695            427           5775
        TOTAL (GOVERNMENT)             722            626            695            427           5775
     RESIDENTIAL (AREA)

        ON SITE INCINERATION           799             12             25           2247           6743
        OPEN BURNING                  1161             42            296           1565           4969
        TOTAL (RESIDENTIAL)           1960             54            321           3812          11712
     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES             196             61             93            113            268
             POINT SOURCES               3              3             16              0              0
        OPEN BURNING
              AREA SOURCES               6              0              1             12             29
        TOTAL (COMM-INST)
              AREA SOURCES             202             61             96            125            297
             POINT SOURCES               3              3             14              0              0
     INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES              67             16             14             60             92
             POINT SOURCES               3              2              2              0              0
        OPEN BURNING
              AREA SOURCES              53              1             18             90            316
```

```
SELECT CARD = <36    177                                                                    45>
STATE 36 COUNTY 6920 NOT FOUND IN POINT FILE
```

DIESEL					
HEAVY DUTY VEHICLES	802	400	3598	428	1297
OFF HIGHWAY	191	148	1791	274	541
RAIL	100	228	1478	360	520
TOTAL (DIESEL)	1093	776	6867	1062	2358
AIRCRAFT					
CIVIL	5	1	18	53	1073
TOTAL (AIRCRAFT)	5	1	18	53	1073
VESSELS					
BITUMINOUS COAL	2379	2457	119	397	3567
DIESEL FUEL	0	0	1	0	0
GASOLINE	0	7	35	778	2775
TOTAL (VESSELS)	2379	2466	155	1175	6342
TOTAL (TRANSPORTATION)	10361	3635	15905	11937	109574
MISCELLANEOUS (AREA) *********************					
STRUCTURAL FIRES	81	0	8	61	331
GASOLINE STA EVAP LOSS	0	0	0	1230	0
SOLVENT EVAPORATION LOSS	0	0	0	6792	0
UNPAVED ROADS	3762	0	0	0	0
UNPAVED AIRSTRIPS	58	0	0	0	0
TOTAL (MISCELLANEOUS)	3901	0	8	8083	331
GRAND TOTAL ***********					
AREA SOURCES	16133	3955	18793	24228	121109
POINT SOURCES	15298	13599	4366	11110	6695
TOTAL	31431	17554	23159	35338	127804

```
*** L01 ***
                    POINT SOURCES          1262          350         1831         1018          2365   *** L01 ***
     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES           5065         5437         2280         9130         27250
                    POINT SOURCES          1262          350         1831         1018          2365
 INDUSTRIAL PROCESS (POINT)
 **************************

     FOOD/AGRICULTURAL                       25            0            0            0             0
     PRIMARY METAL                         1328         2646            0            0          1374
     MINERAL PRODUCTS                       447          521          103           13             5
     WOOD PRODUCTS                         2280         1060          469          111          7968
     OTHER/NOT CLASSIFIED                     3            0            0            0             0
     TOTAL (INDUSTRIAL)                    4083         4227          572          124          9347

 SOLID WASTE DISPOSAL
 ********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION               169            2            4          471          1410
         OPEN BURNING                       213            8           55          290           916
         TOTAL (RESIDENTIAL)                382           10           59          761          2326

     COMMERCIAL-INSTITUTIONAL

         OPEN BURNING
                   AREA SOURCES               1            0            0            2             4
         TOTAL (COMM-INST)
                   AREA SOURCES               1            0            0            2             4

     INDUSTRIAL

         ON SITE INCINERATION
                   POINT SOURCES            239            4           36          394          4656
         OPEN BURNING
                   AREA SOURCES               8            0            4           12            40
         TOTAL (INDUSTRIAL)
                   AREA SOURCES               8            0            4           12            40
                   POINT SOURCES            239            4           36          394          4656

     TOTAL (SOLID WASTE DISP)
                   AREA SOURCES             391           10           63          775          2370
                   POINT SOURCES            239            4           36          394          4656
 TRANSPORTATION (AREA)
 *********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES           2493          130         2736         3962         42377
             LIGHT DUTY TRUCKS             1651          120         2340         3071         31486
             HEAVY DUTY VEHICLES            101           10          349          343          5479
             OFF HIGHWAY                     10            7          113          304          3821
             TOTAL (GASOLINE)              4255          267         5538         7680         83163

         DIESEL

             HEAVY DUTY VEHICLES           1275          638         5733          679          2059
             OFF HIGHWAY                    108           84         1018          155           308
             RAIL                           192          435         2833          688           997
             TOTAL (DIESEL)                1575         1157         9584         1522          3364
```

```
*** L02 ***                                                                                             *** L02 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ***********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ************************************

STATE/AQCR EMISSIONS REPORT
******************************                                           RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:28 NEBRASKA        AQCR:145 LINCOLN-BEATRICE-FAIRBURY      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             1              2              0              1              6
            DISTILLATE OIL              1             12              8              0              1
            NATURAL GAS                10              2            383             21             77
            WOOD                       81              0              6            165            492
            TOTAL (RESIDENTIAL)        93             16            397            187            576

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          1139           4389           4899              9             79
            RESIDUAL OIL                0              4              1              0              0
            NATURAL GAS                 0              0              3              0              0
            TOTAL (ELEC GEN)         1139           4393           4903              9             79

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           99            622            310              1             39
            RESIDUAL OIL
                AREA SOURCES            0              5              1              0              0
                POINT SOURCES           8            107             19              0              2
            DISTILLATE OIL
                AREA SOURCES            1             17             19              1              4
                POINT SOURCES           0              7              3              0              1
            NATURAL GAS
                AREA SOURCES            5              1            985            297            123
                POINT SOURCES          13              3           1538              8            160
            TOTAL (INDUSTRIAL)
                AREA SOURCES          105            645           1315            299            166
                POINT SOURCES          21            117           1560              8            163

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            3             15              5              0              3
                POINT SOURCES           0             60             36              0             13
            RESIDUAL OIL
                AREA SOURCES            1             10              2              0              0
                POINT SOURCES           1             15              5              0              0
            DISTILLATE OIL
                AREA SOURCES            4             61             44              1             11
                POINT SOURCES           0              8              2              0              1
            NATURAL GAS
                AREA SOURCES            9              2            309             15             62
```

```
SELECT CARD = <29    147                                         45>
```

```
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            OTHER                           4             51             60              5             14
            TOTAL (ELEC GEN)                4             51             60              5             14

        TOTAL (INTERNAL COMB)               4             51             60              5             14

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              717            286            187           1443           4310
                POINT SOURCES             765           9293           3169            300            412

INDUSTRIAL PROCESS (POINT)
**************************

    WOOD PRODUCTS                         699            997            383              0           9428
    ORGANIC SOLVENT EVAPORATION             0              0              0             37              0
    TOTAL (INDUSTRIAL)                    699            997            383             37           9428

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                        4              0              2              8             22
        TOTAL (GOVERNMENT)                  4              0              2              8             22

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               19              0              1             54            161
        OPEN BURNING                       60              2             15             81            258
        TOTAL (RESIDENTIAL)                79              2             16            135            419

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                6              2              3              3              8
        TOTAL (COMM-INST)
                AREA SOURCES                6              2              3              3              8

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                1              0              0              1              2
        TOTAL (INDUSTRIAL)
                AREA SOURCES                1              0              0              1              2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               86              4             19            139            429
                POINT SOURCES               4              0              2              8             22

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           319             19            388            347           3327
            LIGHT DUTY TRUCKS             132             10            217            200           1656
            HEAVY DUTY VEHICLES            34              4            134            119           1919
            OFF HIGHWAY                     3              2             31             83           1049
            TOTAL (GASOLINE)              488             35            770            749           7951
```

```
*** L05 ***                                                                                    *** L05 ***
SELECT CARD = <31    043                                                        45>
```

```
*** L06 ***                                                                                  *** L06 ***
SELECT CARD = <31    151                                              45>
```

```
*** L07 ***
                   POINT SOURCES            23309          69086          63858          3477          7239   *** L07 ***
     INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

               DISTILLATE OIL                   1              1             10             1             2
               TOTAL (ELEC GEN)                 1              1             10             1             2

          INDUSTRIAL FUEL

               NATURAL GAS                    101             78          13430          2806          1827
               TOTAL (INDUSTRIAL)             101             78          13430          2806          1827

          TOTAL (INTERNAL COMB)               102             79          13440          2807          1829

     TOTAL (FUEL COMBUSTION)

                   AREA SOURCES              1785            451            537          3617         10840
                   POINT SOURCES            23411          69165          77298          6284          9068
INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                         151             13              6            14             7
     PETROLEUM INDUSTRY                       220           2756            365            56           247
     ORGANIC SOLVENT EVAPORATION                2              0              0             7             0
     PETROLEUM STORAGE/TRANSPORT                0              0              0           414             0
     TOTAL (INDUSTRIAL)                       373           2769            371           491           254
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                 17              0              1            47           140
          OPEN BURNING                         77              3             20           104           331
          TOTAL (RESIDENTIAL)                  94              3             21           151           471

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                   AREA SOURCES                 4              1              2             2             6
          OPEN BURNING
                   AREA SOURCES                 2              0              1             5            13
          TOTAL (COMM-INST)
                   AREA SOURCES                 6              1              3             7            19

     INDUSTRIAL

          ON SITE INCINERATION
                   AREA SOURCES                 1              0              0             1             2
          OPEN BURNING
                   AREA SOURCES                 2              0              1             3            10
          TOTAL (INDUSTRIAL)
                   AREA SOURCES                 3              0              1             4            12

     TOTAL (SOLID WASTE DISP)
                   AREA SOURCES               103              4             25           162           502
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE
```

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                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                   ******************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                   *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                           RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:32 NEW MEXICO      AQCR:155 PECOS-PERMIAN BASIN                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                  PARTICULATES        SOX             NOX             VOC             CO
                                  ************    ************    ************    ************    ************
                                   TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               0               2               0               0               2
            DISTILLATE OIL                0               9               4               0               0
            NATURAL GAS                   6               0             239              14              48
            WOOD                        178               1              13             372            1102
            TOTAL (RESIDENTIAL)         184              12             256             386            1152

        ELEC GENERATION (POINT)

            NATURAL GAS                  53               9            5978              17             413
            TOTAL (ELEC GEN)             53               9            5978              17             413

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES            62              17              11               0               0
            RESIDUAL OIL
                AREA SOURCES             81             872             232               1              21
            DISTILLATE OIL
                AREA SOURCES             16             255             191               7              47
            NATURAL GAS
                AREA SOURCES              5               0             220               5              55
                POINT SOURCES            55             456             854              33             109
            TOTAL (INDUSTRIAL)
                AREA SOURCES            102            1127             643              13             123
                POINT SOURCES           117             473             865              33             109

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                AREA SOURCES              4               0             122               6              25
            TOTAL (COMM-INST)
                AREA SOURCES              4               0             122               6              25

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            290            1139            1021             405            1300
                POINT SOURCES           170             482            6843              50             522

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                1               1              11               1               2
```

```
*** L09 ***
    UNPAVED AIRSTRIPS                          246              0              0              0              0     *** L09 ***
    TOTAL (MISCELLANEOUS)                   125955             11            852         297208          33657

GRAND TOTAL
***********

    AREA SOURCES                            534010          63148         430614         836939        4594005

    POINT SOURCES                           179894         972141         332325          32392          92045

    TOTAL                                   713904        1035289         762939         869331        4686050
```

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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK       AQCR:160 GENESEE-FINGER LAKES              AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                          PARTICULATES        SOX              NOX              VOC               CO
                          ************    ************    ************    ************    ************
                           TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL           10              26               2              10              84
         BITUMINOUS COAL            6              30               0               4              40
         DISTILLATE OIL            47             547             342              13              96
         NATURAL GAS               67              12            2221             118             444
         WOOD                    2181              21             172            4527           13448
         TOTAL (RESIDENTIAL)     2311             636            2737            4672           14110

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         4163           65369           14321              51             900
         RESIDUAL OIL             112            1381             291               3              22
         DISTILLATE OIL             0              15               8               0               2
         NATURAL GAS                0               0               8               0               1
         TOTAL (ELEC GEN)        4275           66765           14628              54             925

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             POINT SOURCES       5927           25483           23063              49            1980
         RESIDUAL OIL
             POINT SOURCES        550            7771            2130              19             175
         DISTILLATE OIL
             POINT SOURCES          4             323              24               0               6
         NATURAL GAS
             AREA SOURCES           3               0             514             112              61
             POINT SOURCES          3               1             120               3              30
         WOOD
             POINT SOURCES          1               0               0               0               0
         TOTAL (INDUSTRIAL)
             AREA SOURCES           3               0             514             112              61
             POINT SOURCES       6485           33578           25337              71            2191

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             POINT SOURCES        660             859             154               0              55
         RESIDUAL OIL
             POINT SOURCES        346            4585             864              17              78
         DISTILLATE OIL
             POINT SOURCES         21            1352             100               2              25
         NATURAL GAS
             AREA SOURCES           8               1             327              17              66
             POINT SOURCES          0               0              18               0               4
```

```
SELECT CARD = <33    164                                                           45>
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT
***************************                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA  AQCR:165 EASTERN MOUNTAIN                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                               PARTICULATES         SOX            NOX            VOC             CO
                               ************     ************   ************   ************   ************
                                 TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                38             120              7             25            236
         DISTILLATE OIL                 56             642            402             17            113
         NATURAL GAS                     2               0            119              7             23
         WOOD                         9719             102            767          20180          59974
         TOTAL (RESIDENTIAL)          9815             864           1295          20229          60344

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             11099          130714          67102            224           1917
         DISTILLATE OIL                  0              49             31              0              6
         TOTAL (ELEC GEN)            11099          130763          67133            224           1923

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               316            1717            570              2             72
            POINT SOURCES              156             519            331              4            130
         RESIDUAL OIL
            POINT SOURCES              308            4361            819              4             75
         DISTILLATE OIL
            AREA SOURCES                 0              12             13              0              3
            POINT SOURCES               25             363            293              2             73
         NATURAL GAS
            AREA SOURCES                13               3           1786            444            213
            POINT SOURCES                1               0             45              1              8
         PROCESS GAS
            POINT SOURCES                0               0              4              0              1
         WOOD
            AREA SOURCES                14               0             14              9             26
            POINT SOURCES              146              12            134            151            355
         OTHER
            POINT SOURCES                3               0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               341            1732           2383            455            314
            POINT SOURCES              639            5255           1626            162            642

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                89             320             70              2             42
         RESIDUAL OIL
            POINT SOURCES               70             927            205              3             15
         DISTILLATE OIL
```

```
SELECT CARD = <36    169                                                                    45>
```

```
*** L14 ***                                                                                                       *** L14 ***
     TOTAL (SOLID WASTE DISP)
              AREA SOURCES            2311            83            445           4033          12425

TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       7331           442          10038           9994          93254
            LIGHT DUTY TRUCKS         3708           323           6930           6365          51283
            HEAVY DUTY VEHICLES        695            87           3066           2516          40865
            OFF HIGHWAY                 23            12            352            938          11850
            TOTAL (GASOLINE)         11757           864          20386          19813         197252

        DIESEL

            HEAVY DUTY VEHICLES       3039          1577          14149           1613           4863
            OFF HIGHWAY               1441          1125          13539           2064           4091
            RAIL                       597          1359           8824           2161           3101
            TOTAL (DIESEL)            5077          4061          36512           5818          12055

    AIRCRAFT

        MILITARY                       407            27            209            479            986
        CIVIL                           12             6             88            262           5243
        COMMERCIAL                      10            21            212            187            585
        TOTAL (AIRCRAFT)               429            54            509            928           6814

    VESSELS

        GASOLINE                         0             4             45           1069           3814
        TOTAL (VESSELS)                  0             4             45           1069           3814

    TOTAL (TRANSPORTATION)           17263          4983          57452          27628         219935

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   753
    FOREST MANAGED BURNING             111             4            176            866           6188
    STRUCTURAL FIRES                   175             0             22             78            620
    GASOLINE STA EVAP LOSS               0             0             11            130            718
    SOLVENT EVAPORATION LOSS             0             0              0           3381              0
    UNPAVED ROADS                  1225872             0              0           6063              0
    UNPAVED AIRSTRIPS                   48             0              0              0              0
    TOTAL (MISCELLANEOUS)          1226959             0              0              0              0
                                                       4            207          10496           7526
GRAND TOTAL
***********

    AREA SOURCES                   1250988         16168          79238          49484         247560

    POINT SOURCES                    23592         99767          89397           1956          56430

    TOTAL                          1274580        115935         168635          51440         303990
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                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:36 OHIO             AQCR:079 METROPOLITAN CINCINNATI                 AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                          POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0               1               0               0               3
         DISTILLATE OIL                49             559             349              13              97
         NATURAL GAS                   65              14            2165             116             630
         WOOD                        5298              56             619           10999           32688
         TOTAL (RESIDENTIAL)         5412             630            2913           11126           33218
      ELEC GENERATION (POINT)

         BITUMINOUS COAL            10111          176139           60938             863            2885
         DISTILLATE OIL                10             145              93               7              52
         NATURAL GAS                   11               7             632               8              20
         TOTAL (ELEC GEN)           10132          176291           61663             878            2957
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            4463           15044            7195             261             626
         RESIDUAL OIL
            POINT SOURCES             521            7627            2488              65             170
         DISTILLATE OIL
            AREA SOURCES               37             356             402              13              95
            POINT SOURCES              30             359             198              18              42
         NATURAL GAS
            AREA SOURCES               31               6            6408            2016             811
            POINT SOURCES              24               4            1836              25              80
         PROCESS GAS
            POINT SOURCES              58             577             447               6              46
         TOTAL (INDUSTRIAL)
            AREA SOURCES               68             362            6810            2029             906
            POINT SOURCES            5096           23611           12164             335             964
      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               28              95              34               0               2
         BITUMINOUS COAL
            POINT SOURCES             249             999             557              30              71
         DISTILLATE OIL
            AREA SOURCES               17             239             166               2              61
            POINT SOURCES               7             114              86               6              15
         NATURAL GAS
            AREA SOURCES               35               7            1180              62             236
```

```
*** L16 ***
      TOTAL (INDUSTRIAL)                                                                              *** L16 ***
               AREA SOURCES              120            15            32           150           406
               POINT SOURCES               3             2             2             0             0

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES             2282           130           447          4087         12615
               POINT SOURCES             728           429           511           427          5775
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           21180           743         16388         21990        229827
         LIGHT DUTY TRUCKS              4004           203          4233          5348         48742
         HEAVY DUTY VEHICLES            1033            82          2527          3259         51168
         OFF HIGHWAY                      51            27           573          1526         19273
         TOTAL (GASOLINE)              26268          1055         23721         32123        349010
      DIESEL

         HEAVY DUTY VEHICLES            1924           805          7354          1065          3222
         OFF HIGHWAY                     416           323          3901           593          1179
         RAIL                            346           787          5113          1241          1795
         TOTAL (DIESEL)                 2684          1915         16368          2879          6196
   AIRCRAFT

      MILITARY                           262            17           134           307           635
      CIVIL                                6             3            23            72          1449
      COMMERCIAL                          15            34           354           314           974
      TOTAL (AIRCRAFT)                   283            54           511           693          3058
   VESSELS

      GASOLINE                             0             3            20           461          1646
      TOTAL (VESSELS)                      0             3            20           461          1646

   TOTAL (TRANSPORTATION)              29235          3027         40620         36156        359910
MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                      302             0            27           227          1230
   GASOLINE STA EVAP LOSS                  0             0             0          4533             0
   SOLVENT EVAPORATION LOSS                0             0             0         18621             0
   UNPAVED ROADS                        2066             0             0             0             0
   TOTAL (MISCELLANEOUS)                2368             0            27         23381          1230
GRAND TOTAL
*********** *

   AREA SOURCES                        36709          3928         48500         70566        391075

   POINT SOURCES                        9541         29096         16143         22523          8902

   TOTAL                               46250         33024         64643         93089        399977
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:36 OHIO             AQCR:177 NORTHWEST OHIO                       AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                       POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                             PARTICULATES         SOX              NOX              VOC               CO
                             ************    ************     ************     ************     ************
                              TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL             33             368              229                8               62
            NATURAL GAS                28               2              953               48              190
            WOOD                     7514              79              596            15598            46360
            TOTAL (RESIDENTIAL)      7575             449             1776            15654            46612
        ELEC GENERATION (POINT)

            BITUMINOUS COAL          1816            6042              922               36               85
            DISTILLATE OIL              2              36               74                2                4
            TOTAL (ELEC GEN)         1816            6078              996               38               89
        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES        2724            5332             1091               42              136
            RESIDUAL OIL
                POINT SOURCES          63             798              281                4               21
            DISTILLATE OIL
                AREA SOURCES           18             181              206                4               49
                POINT SOURCES          13             138              119                3               17
            NATURAL GAS
                AREA SOURCES           20               1             4078             1281              515
                POINT SOURCES          17               1              545               10               47
            PROCESS GAS
                POINT SOURCES           0               5                2                0                1
            WOOD
                POINT SOURCES           2               1               14                8                7
            TOTAL (INDUSTRIAL)
                AREA SOURCES           38             182             4284             1285              564
                POINT SOURCES        2819            6275             2052               67              229
        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            8              33               12                0                0
            BITUMINOUS COAL
                POINT SOURCES         268             561               70                3                9
            DISTILLATE OIL
                AREA SOURCES            3              94               65                0               18
            NATURAL GAS
                AREA SOURCES           10               1              348               19               68
            TOTAL (COMM-INST)
```

```
SELECT CARD = <36    181                                                    45>
```

```
*** M01 ***
    AIRCRAFT                                                                                                  *** M01 ***

        MILITARY                           97           6          50         114         234
        CIVIL                               4           2          19          60        1190
        COMMERCIAL                          2           4          40          35         109
        TOTAL (AIRCRAFT)                  103          12         109         209        1533

    VESSELS

        GASOLINE                            0           2          11         266         948
        TOTAL (VESSELS)                     0           2          11         266         948

    TOTAL (TRANSPORTATION)               5933        1438       15242        9677       89008

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    20798         184        4894       23491      171285
    FOREST MANAGED BURNING              22864         172        4573       16348      128035
    STRUCTURAL FIRES                       44           0           3          32         180
    GASOLINE STA EVAP LOSS                  0           0           0         887           0
    SOLVENT EVAPORATION LOSS                0           0           0        1873           0
    UNPAVED ROADS                      106300           0           0           0           0
    UNPAVED AIRSTRIPS                       7           0           0           0           0
    TOTAL (MISCELLANEOUS)              150013         356        9470       42631      299500

GRAND TOTAL
***********

    AREA SOURCES                       161402        7241       27055       62213      418128

    POINT SOURCES                        5584        4581        2439        1536       16368

    TOTAL                              166986       11822       29494       63749      434496
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*** M02 ***
          POINT SOURCES           4          1          337          3          44      *** M02 ***
     TOTAL (COMM-INST)
          AREA SOURCES           17         88          360         16          76
          POINT SOURCES           5         84          380          3          58

   TOTAL (EXTERNAL COMB)
          AREA SOURCES          215        749         2072        502         818
          POINT SOURCES        1165       4594         6843         20         300

 INTERNAL COMBUSTION (POINT)

   ELECTRIC GENERATION

      DISTILLATE OIL              1          1           15          1           3
      NATURAL GAS                 0          0          123          3          15
      TOTAL (ELEC GEN)            1          1          138          4          18

   INDUSTRIAL FUEL

      NATURAL GAS                 8          0         2649         65         335
      TOTAL (INDUSTRIAL)          8          0         2649         65         335

   TOTAL (INTERNAL COMB)          9          1         2787         69         353

 TOTAL (FUEL COMBUSTION)

          AREA SOURCES          215        749         2072        502         818
          POINT SOURCES        1174       4595         9630         89         653
INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING         37          0            0          0           0
  FOOD/AGRICULTURAL            3072          0            0          1           6
  SECONDARY METALS                7          2            0          0         255
  MINERAL PRODUCTS              382          7           14          9           7
  ORGANIC SOLVENT EVAPORATION     0          0            0      15292           0
  PETROLEUM STORAGE/TRANSPORT     0          0            0       2966           0
  OTHER/NOT CLASSIFIED            0          0            0          1           0
  TOTAL (INDUSTRIAL)           3498          9           14      18269         268
SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

     ON SITE INCINERATION       197          2            6        553        1661
     OPEN BURNING               357         13           92        479        1524
     TOTAL (RESIDENTIAL)        554         15           98       1032        3185
  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
           POINT SOURCES          2          1            1          1           3
     TOTAL (COMM-INST)
           POINT SOURCES          2          1            1          1           3
  INDUSTRIAL

     ON SITE INCINERATION
           POINT SOURCES          1          0            0          1           1
     TOTAL (INDUSTRIAL)
           POINT SOURCES          1          0            0          1           1
  TOTAL (SOLID WASTE DISP)
           AREA SOURCES         554         15           98       1032        3185
```

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                                              NATIONAL EMISSIONS DATA SYSTEM
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                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                                RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                                  AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
STATE:29 NEVADA          AQCR:147 NEVADA                                    POINT EMISSIONS AS OF:     MONDAY        JULY 11, 1983

-                              PARTICULATES         SOX             NOX             VOC             CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                3               6               0               3              20
            DISTILLATE OIL                 1              30              11               0               3
            NATURAL GAS                    2               0             106               5              20
            WOOD                        1084              11              84            2250            6682
            TOTAL (RESIDENTIAL)         1090              47             199            2258            6725

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                7             390             568               2              16
            TOTAL (ELEC GEN)               7             390             568               2              16

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              83             194              96               0              10
                POINT SOURCES            195            1145             587               3             210
            RESIDUAL OIL
                AREA SOURCES               0               5               1               0               0
            DISTILLATE OIL
                AREA SOURCES               0              22              15               0               3
            NATURAL GAS
                AREA SOURCES               0               0              44               0              11
                POINT SOURCES              0               0              20               0               5
            TOTAL (INDUSTRIAL)
                AREA SOURCES              83             221             156               0              24
                POINT SOURCES            195            1145             607               3             215

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               2               5               2               0               1
            RESIDUAL OIL
                AREA SOURCES               2              41               9               0               1
                POINT SOURCES              1               6               8               0               1
            DISTILLATE OIL
                POINT SOURCES             38             500             377               6              94
            NATURAL GAS
                AREA SOURCES               0               0              29               1               4
                POINT SOURCES              0               0               5               0               1
            TOTAL (COMM-INST)
                AREA SOURCES               4              46              40               1               6
                POINT SOURCES             39             506             390               6              96
```

```
     DIESEL

          HEAVY DUTY VEHICLES          59          32          285          31          94
          OFF HIGHWAY                   6           5           60           9          18
          TOTAL (DIESEL)               65          37          345          40         112

   AIRCRAFT

        CIVIL                           1           0            2           7         139
        TOTAL (AIRCRAFT)                1           0            2           7         139

   VESSELS

        GASOLINE                        0           0            1          16          56
        TOTAL (VESSELS)                 0           0            1          16          56

   TOTAL (TRANSPORTATION)             554          72         1118         812        8258

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                    10           0            1           7          40
   GASOLINE STA EVAP LOSS               0           0            0         140           0
   SOLVENT EVAPORATION LOSS             0           0            0         704           0
   UNPAVED ROADS                     1426           0            0           0           0
   UNPAVED AIRSTRIPS                    2           0            0           0           0
   TOTAL (MISCELLANEOUS)             1438           0            1         851          40

GRAND TOTAL
***********

   AREA SOURCES                      2795         362         1325        3245       13037

   POINT SOURCES                     1468       10290         3554         345        9862

   TOTAL                             4263       10652         4879        3590       22899
```

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*** M05 ***                                                                                                          *** M05 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT
****************************                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:31 NEW JERSEY      AQCR:043 NEW JERSEY-NEW YORK-CONNECTICU         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                        POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES          SOX                NOX                VOC                CO
                              ************      ************       ************       ************       ************
                               TONS / YR         TONS / YR          TONS / YR          TONS / YR          TONS / YR
FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL          20                54                  6                 20                180
            BITUMINOUS COAL          15                62                  1                 11                 93
            DISTILLATE OIL          822              9469               5917                231               1644
            NATURAL GAS             155                32               5134                272               1029
            WOOD                   6700                70                531              13911              41342
            TOTAL (RESIDENTIAL)    7712              9687              11589              14445              44288

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          89               245                197                194                124
            RESIDUAL OIL           2178             19576               9332                252                638
            DISTILLATE OIL          296               708               2397                 63                283
            NATURAL GAS             153                12               9834                461               1959
            PROCESS GAS              18                 0                 28                  5                 32
            TOTAL (ELEC GEN)       2734             20541              21788                975               3036

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES       792              3846               1760                  4                 31
            RESIDUAL OIL
                POINT SOURCES      2636             11669              16424                200               2143
            DISTILLATE OIL
                AREA SOURCES        318              3186               3594                122                851
                POINT SOURCES       276               780                731               2244                106
            NATURAL GAS
                AREA SOURCES         28                 6               2753                495                309
                POINT SOURCES         8                43                170                 32                 37
            OTHER
                POINT SOURCES       220               457               2280                 37                210
            TOTAL (INDUSTRIAL)
                AREA SOURCES        346              3192               6347                617               1160
                POINT SOURCES      3932             16795              21365               2517               2527

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES        294               975                352                  1                 23
            BITUMINOUS COAL
                AREA SOURCES         10                65                 10                  0                  8
            RESIDUAL OIL
                AREA SOURCES       1476              6241               4318                 85                392
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*** M06 ***
                                                                                                   *** M06 ***
                                      NATIONAL EMISSIONS DATA SYSTEM
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                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:31 NEW JERSEY      AQCR:151 NORTHEAST PENNSYLVANIA-UPPER D    AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              4              11               2               4              39
         BITUMINOUS COAL              3              14               0               2              20
         DISTILLATE OIL              79             905             565              22             157
         NATURAL GAS                  5               1             143               7              28
         WOOD                      2552              27             202            5298           15747
         TOTAL (RESIDENTIAL)       2643             958             912            5333           15991

      ELEC GENERATION (POINT)

         RESIDUAL OIL               428            5712            4906              40             204
         NATURAL GAS                  0               7               5               0               1
         TOTAL (ELEC GEN)           428            5719            4911              40             205

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES            29             287            1386              25             128
         DISTILLATE OIL
            AREA SOURCES             13             124             140               5              33
            POINT SOURCES            10              23              22               2               5
         NATURAL GAS
            AREA SOURCES              1               0             117              21              13
            POINT SOURCES             1               1               1               1               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             14             124             257              26              46
            POINT SOURCES            40             311            1409              28             134

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             11              34              12               0               0
         BITUMINOUS COAL
            AREA SOURCES              0               3               0               0               0
         RESIDUAL OIL
            AREA SOURCES             52             223             154               3              14
         DISTILLATE OIL
            AREA SOURCES              7             109              77               0              19
            POINT SOURCES             0               4               7               0               0
         NATURAL GAS
            AREA SOURCES              0               0              20               0               4
            POINT SOURCES            66              13            2200             117             440
         OTHER
```

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          LIGHT DUTY VEHICLES          1484        80      1255      2271     27668
          LIGHT DUTY TRUCKS            1302        97      1313      1880     23766
          HEAVY DUTY VEHICLES            97         8       166       390      7691
          OFF HIGHWAY                     8         4        91       242      3059
          TOTAL (GASOLINE)             2891       189      2825      4783     62184

       DIESEL

          HEAVY DUTY VEHICLES          1060       495      2327      1144      2795
          OFF HIGHWAY                   117        92      1099       168       332
          RAIL                          112       256      1657       403       583
          TOTAL (DIESEL)               1289       843      5083      1715      3710

     AIRCRAFT

       MILITARY                           2         0         1         2         4
       CIVIL                              2         1         8        25       493
       COMMERCIAL                         4         9        96        85       264
       TOTAL (AIRCRAFT)                   8        10       105       112       761

     VESSELS

       GASOLINE                           0         0         3        64       227
       TOTAL (VESSELS)                    0         0         3        64       227

     TOTAL (TRANSPORTATION)            4188      1042      8016      6674     66882

  MISCELLANEOUS (AREA)
  ********************

     FOREST WILDFIRES                   212         2        50       239      1740
     STRUCTURAL FIRES                    20         0         2        15        82
     GASOLINE STA EVAP LOSS               0         0         0       853         0
     SOLVENT EVAPORATION LOSS             0         0         0      1688         0
     UNPAVED ROADS                   166238         0         0         0         0
     UNPAVED AIRSTRIPS                    7         0         0         0         0
     TOTAL (MISCELLANEOUS)           166477         2        52      2795      1822

  GRAND TOTAL
  ***********

     AREA SOURCES                    172553      1499      8630     13248     80046

     POINT SOURCES                    23784     71934     77669      6775      9322

     TOTAL                           196337     73433     86299     20023     89368
```

```
*** M08 ***                                                                                  *** M08 ***
          NATURAL GAS                        2           0          46           1          12
          TOTAL (ELEC GEN)                   3           1          55           2          14

       INDUSTRIAL FUEL

          DISTILLATE OIL                    14          11         126           9          42
          NATURAL GAS                      229         492       55622       12809        8373
          TOTAL (INDUSTRIAL)               243         503       55748       12818        8415

       TOTAL (INTERNAL COMB)               246         504       55803       12820        8429

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 290        1139        1021         405        1300
              POINT SOURCES                416         986       62646       12870        8951

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  57       28737          74           0           0
    FOOD/AGRICULTURAL                       15           0           0           0           0
    MINERAL PRODUCTS                      3712          54          24          51          24
    PETROLEUM INDUSTRY                     313       26985        1641          80         544
    PETROLEUM STORAGE/TRANSPORT              0           0           0        4018           0
    OTHER/NOT CLASSIFIED                     0          63           3           0           1
    TOTAL (INDUSTRIAL)                    4097       55839        1742        4149         569

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                 65           0           0         179         541
       OPEN BURNING                        307          11          79         415        1316
       TOTAL (RESIDENTIAL)                 372          11          79         594        1857

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                   13           4           6           9          20
       OPEN BURNING
             AREA SOURCES                   10           0           4          18          48
       TOTAL (COMM-INST)
             AREA SOURCES                   23           4          10          27          68

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                    6           0           0           6          12
       OPEN BURNING
             AREA SOURCES                    8           0           4          12          40
       TOTAL (INDUSTRIAL)
             AREA SOURCES                   14           0           4          18          52

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                  409          15          93         639        1977

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES             4875         161        2893        5614       67739
          LIGHT DUTY TRUCKS               2618         118        1943        3365       38976
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*** M09 ***                                                                                        *** M09 ***
SELECT CARD = <33    043                                                  45>
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*** M10 ***                                                                                             *** M10 ***
          TOTAL (COMM-INST)
               AREA SOURCES                     8             1             327            17             66
               POINT SOURCES                 1027          6796            1136            19            162

       TOTAL (EXTERNAL COMB)
               AREA SOURCES                  2322           637            3578          4801          14237
               POINT SOURCES                11787        107139           41101           144           3278

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

            NATURAL GAS                         2             0              60             2             17
            TOTAL (ELEC GEN)                    2             0              60             2             17

       TOTAL (INTERNAL COMB)                    2             0              60             2             17

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES                  2322           637            3578          4801          14237
               POINT SOURCES                11789        107139           41161           146           3295

INDUSTRIAL PROCESS (POINT)
**************************

     OTHER/NOT CLASSIFIED                    2515            67              16          2546              3
     TOTAL (INDUSTRIAL)                      2515            67              16          2546              3

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION                 9             1               1             1             13
         TOTAL (GOVERNMENT)                     9             1               1             1             13

     RESIDENTIAL (AREA)

         ON SITE INCINERATION                 151             2               3           624           1271
         OPEN BURNING                         702            27             179           944           2994
         TOTAL (RESIDENTIAL)                  853            29             182          1368           4265

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES                   151            66              72            87            206
               POINT SOURCES                  198            31              27           145            212
         OPEN BURNING
               AREA SOURCES                     2             0               1             3              9
         TOTAL (COMM-INST)
               AREA SOURCES                   153            46              73            90            215
               POINT SOURCES                  198            31              27           145            212

     INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES                    22             3               3            20             34
               POINT SOURCES                    7             3               2            15             20
         OPEN BURNING
               AREA SOURCES                    21             0               9            33            115
         TOTAL (INDUSTRIAL)
               AREA SOURCES                    43             3              12            53            149
               POINT SOURCES                    7             3               2            15             20

     TOTAL (SOLID WASTE DISP)
               AREA SOURCES                  1049            78             267          1511           4629
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*** M11 ***
                                                                                                              *** M11 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT
***************************                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:33 NEW YORK        AQCR:164 SOUTHERN TIER WEST                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                    POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                8              18                1                8               58
         BITUMINOUS COAL                7              22                0                2               30
         DISTILLATE OIL                18             220              137                4               38
         NATURAL GAS                   40               7             1298               69              259
         WOOD                       12412             129              980            25768            76586
         TOTAL (RESIDENTIAL)        12485             396             2416            25851            76971

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            16511           99780            25665               90             1636
         DISTILLATE OIL                 0              23               13                0                3
         TOTAL (ELEC GEN)           16511           99803            25678               90             1639

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             707            6655             1195                6              427
         RESIDUAL OIL
            POINT SOURCES             318            4213              733                2               67
         DISTILLATE OIL
            POINT SOURCES               3             320               24                0                6
         NATURAL GAS
            AREA SOURCES                3               0              472              103               55
            POINT SOURCES               0               0               35                0                9
         WOOD
            POINT SOURCES             155               3               27              154               70
         TOTAL (INDUSTRIAL)
            AREA SOURCES                3               0              472              103               55
            POINT SOURCES            1183           11191             2014              162              579

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                0               1                0                0                0
            POINT SOURCES             145            1480              210                0               11
         RESIDUAL OIL
            POINT SOURCES              16            1010              142                0                3
         DISTILLATE OIL
            POINT SOURCES               0              20                2                0                0
         NATURAL GAS
            AREA SOURCES                5               0              176               10               36
         TOTAL (COMM-INST)
            AREA SOURCES                5               1              176               10               36
            POINT SOURCES              0          0          1          0          0
        NATURAL GAS
            AREA SOURCES               1          0        106          5         20
            POINT SOURCES              0          0          3          0          1
        TOTAL (COMM-INST)
            AREA SOURCES              90        320        176          7         62
            POINT SOURCES             70        927        209          3         16

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           10266       2916       3856      20691      60720
            POINT SOURCES          11808     136945      68968        389       2581

    INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL                0          1         17          1          4
         TOTAL (INDUSTRIAL)            0          1         17          1          4

      TOTAL (INTERNAL COMB)            0          1         17          1          4

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES           10266       2916       3856      20691      60720
            POINT SOURCES          11808     136946      68985        390       2585

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              0          0          0         11          0
   FOOD/AGRICULTURAL                 529          0          0          0          0
   SECONDARY METALS                   63          0          0         50          0
   MINERAL PRODUCTS                 2804        119        888        303         67
   WOOD PRODUCTS                   10735          0          0         29          0
   ORGANIC SOLVENT EVAPORATION         0          0          0      11699          0
   METAL FABRICATION                   2          0          0          0          0
   TEXTILE MANUFACTURING               2          0         10          9          0
   OTHER/NOT CLASSIFIED                5          0          0          0          0
   TOTAL (INDUSTRIAL)              14140        119        898      12101         67

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OTHER INCINERATION               0          0          1         29        127
      TOTAL (GOVERNMENT)               0          0          1         29        127

   RESIDENTIAL (AREA)

      OPEN BURNING                   666         25        168        898       2845
      TOTAL (RESIDENTIAL)            666         25        168        898       2845

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES              51         16         25         29         73
            POINT SOURCES              0          1          1          1          3
      TOTAL (COMM-INST)
            AREA SOURCES              51         16         25         29         73
            POINT SOURCES              0          1          1          1          3

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES              15          3          3         15         23
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                    RUN DATE:        MONDAY   NOVEMBER 28, 1983
STATE:34 NORTH CAROLINA  AQCR:169 SANDHILLS                         AREA EMISSIONS AS OF:       TUESDAY   NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:        MONDAY       JULY 11, 1983

                              PARTICULATES          SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               19              58               3              11             108
         DISTILLATE OIL                38             446             277              11              77
         NATURAL GAS                    8               1             271              14              54
         WOOD                        6465              68             510           13421           39889
         TOTAL (RESIDENTIAL)         6530             571            1061           13457           40128
      ELEC GENERATION (POINT)

         BITUMINOUS COAL              213            6611            3196              11              91
         DISTILLATE OIL                 0               8               7               0               1
         OTHER                          2               0               4               3               6
         TOTAL (ELEC GEN)             215            6619            3207              14              98
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              202            1099             365               0              48
            POINT SOURCES             106             202             111               2              46
         RESIDUAL OIL
            POINT SOURCES             420            5563            1005               4              90
         DISTILLATE OIL
            AREA SOURCES                0              11              11               0               0
            POINT SOURCES               1              75               8               0               2
         NATURAL GAS
            AREA SOURCES                9               1            1370             341             164
            POINT SOURCES               0               0              22               0               5
         WOOD
            AREA SOURCES                8               0               8               6              18
            POINT SOURCES              62               0              10              13              29
         TOTAL (INDUSTRIAL)
            AREA SOURCES              219            1111            1754             347             230
            POINT SOURCES             589            5840            1154              19             172
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               31             111              25               0              13
         RESIDUAL OIL
            POINT SOURCES              44             576              97               2               8
         DISTILLATE OIL
            POINT SOURCES               7             123              80               1              20
         NATURAL GAS
            AREA SOURCES                1               0             113               6              23
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*** M14 ***
SELECT CARD = <35    130                                                    65>
```

```
            POINT SOURCES                3          0          39           4            6
     TOTAL (COMM-INST)
            AREA SOURCES                80        341        1380          64          279
            POINT SOURCES              259       1113         682          40           92
   TOTAL (EXTERNAL COMB)
            AREA SOURCES              5560       1333       11103       13219        34403
            POINT SOURCES            15487     201015       74509        1253         4013
 INTERNAL COMBUSTION (POINT)

   ELECTRIC GENERATION

       DISTILLATE OIL                   56         83         141          62          179
       NATURAL GAS                      22         22         261          27           78
       TOTAL (ELEC GEN)                 78        105         402          89          257

   INDUSTRIAL FUEL

       DISTILLATE OIL                   15         14         139          14           35
       NATURAL GAS                       0          0          81           3           12
       TOTAL (INDUSTRIAL)               15         14         220          17           47

   ENGINE-TESTING

       TOTAL (ENG TESTNG)               51         56          63         201          143

   TOTAL (INTERNAL COMB)               144        175         685         307          447

 TOTAL (FUEL COMBUSTION)

            AREA SOURCES              5560       1333       11103       13219        34403
            POINT SOURCES            15631     201190       75194        1560         4460
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              773       2373         815         730            0
   FOOD/AGRICULTURAL                   404          0           1           0            0
   PRIMARY METAL                      1207       3639          15          13         1893
   SECONDARY METALS                   1069         50           7          12         6386
   MINERAL PRODUCTS                   1261         55          27          94          216
   PETROLEUM INDUSTRY                  278       1301        1060        1918          134
   WOOD PRODUCTS                        41          0           0           0            0
   ORGANIC SOLVENT EVAPORATION           1          0           0       15691            0
   PETROLEUM STORAGE/TRANSPORT           0          0           0        2804            0
   METAL FABRICATION                     3          0           0           0            0
   OTHER/NOT CLASSIFIED                  2          0           0           0            0
   TOTAL (INDUSTRIAL)                 5039       7418        1925       21062         8629
SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION           833        136         163         109         1910
      OTHER INCINERATION                64         30         154          30            0
      TOTAL (GOVERNMENT)               897        166         317         139         1910

   RESIDENTIAL (AREA)

      ON SITE INCINERATION            1006         16          31        2834         8500
      OPEN BURNING                    1454         54         373        1962         6224
      TOTAL (RESIDENTIAL)             2460         70         404        4796        14724

   COMMERCIAL-INSTITUTIONAL
```

```
*** M16 ***                                                                                    *** M16 ***
SELECT CARD = <36    174                                                      45>
```

AREA SOURCES	21	128	425	19	86
POINT SOURCES	268	561	70	3	9
TOTAL (EXTERNAL COMB)					
AREA SOURCES	7634	759	6485	16958	47262
POINT SOURCES	4903	12914	3118	108	327
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	2	26	33	1	4
NATURAL GAS	1	0	2	1	7
TOTAL (ELEC GEN)	3	26	35	2	11
TOTAL (INTERNAL COMB)	3	26	35	2	11
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	7634	759	6485	16958	47262
POINT SOURCES	4906	12940	3153	110	338
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	99	662	93	771	1855
FOOD/AGRICULTURAL	1306	0	0	0	0
PRIMARY METAL	289	0	0	0	4260
SECONDARY METALS	6018	616	86	0	32779
MINERAL PRODUCTS	21176	4344	1110	19	10
PETROLEUM INDUSTRY	152	808	1697	568	138
ORGANIC SOLVENT EVAPORATION	1	0	0	2482	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	36	0
METAL FABRICATION	77	0	0	0	0
OTHER/NOT CLASSIFIED	2	6632	0	1	0
TOTAL (INDUSTRIAL)	29120	13060	2986	3877	39022
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	445	2	16	1257	3768
OPEN BURNING	644	23	167	871	2762
TOTAL (RESIDENTIAL)	1089	25	183	2128	6530
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	107	33	52	63	143
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	108	33	52	65	147
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	23	2	2	23	39
OPEN BURNING					
AREA SOURCES	28	0	13	44	150
TOTAL (INDUSTRIAL)					
AREA SOURCES	51	2	15	67	189
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1248	60	250	2260	6866

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*** M18 ***
                                                                                                   *** M18 ***
                                     NATIONAL EMISSIONS DATA SYSTEM
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                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************
STATE/AQCR EMISSIONS REPORT
***************************                                            RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE:36 OHIO          AQCR:181 STEUBENVILLE-WEIRTON-WHEELING   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                               POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                          PARTICULATES       SOX            NOX            VOC            CO
                          ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             0              3              0              0             10
         DISTILLATE OIL             19            215            135              5             38
         NATURAL GAS                14              3            460             24             92
         WOOD                     2978             31            235           6181          18373
         TOTAL (RESIDENTIAL)      3011            252            830           6210          18513

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         27287         448416          82433           1072           3583
         RESIDUAL OIL               16            335            169              8             16
         TOTAL (ELEC GEN)        27303         448751          82602           1080           3599

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES         3438           6498            738             46            125
         RESIDUAL OIL
            POINT SOURCES           83            704            303              9              7
         DISTILLATE OIL
            AREA SOURCES             3             33             37              1              9
            POINT SOURCES            2             32             10              2              2
         NATURAL GAS
            AREA SOURCES             5              1           1268            399            160
            POINT SOURCES           23             17            105             23             24
         PROCESS GAS
            POINT SOURCES          109           1161            209             11             27
         WOOD
            POINT SOURCES            1              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             8             34           1305            400            169
            POINT SOURCES         3656           8412           1366             91            185

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             6             20              6              0              0
         DISTILLATE OIL
            AREA SOURCES             3             41             28              0              7
         NATURAL GAS
            AREA SOURCES             5              0            149              8             29
         TOTAL (COMM-INST)
            AREA SOURCES            14             61            183              8             36
```

```
*** N01 ***                                                                                    *** N01 ***
SELECT CARD = <28                                                     25>
```

```
*** NO2 ***                                                                                  *** NO2 ***
           POINT SOURCES              3           1           1           2           4
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       3866         142        3272        4511       45837
         LIGHT DUTY TRUCKS         1066          56        1177        1512       13633
         HEAVY DUTY VEHICLES        247          21         674         790       12487
         OFF HIGHWAY                  9           6         115         308        3887
         TOTAL (GASOLINE)          5188         225        5238        7121       75844

      DIESEL

         HEAVY DUTY VEHICLES        609         261        2381         329        1015
         OFF HIGHWAY                169         133        1601         244         485
         RAIL                        70         162        1046         255         368
         TOTAL (DIESEL)             848         556        5028         828        1868

   AIRCRAFT

      MILITARY                       81           5          42          95         197
      CIVIL                           3           2          15          47         955
      COMMERCIAL                      4           8          86          77         238
      TOTAL (AIRCRAFT)               88          15         143         219        1390

   VESSELS

      GASOLINE                        0           0           0           3          11
      TOTAL (VESSELS)                 0           0           0           3          11

   TOTAL (TRANSPORTATION)          6124         796       10409        8171       79113

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  54           0          14          60         446
   STRUCTURAL FIRES                  60           0           6          46         247
   GASOLINE STA EVAP LOSS             0           0           0         915           0
   SOLVENT EVAPORATION LOSS           0           0           0        2523           0
   UNPAVED ROADS                 100847           0           0           0           0
   TOTAL (MISCELLANEOUS)         100961           0          20        3544         693

GRAND TOTAL
***********

   AREA SOURCES                  107854        1560       12599       13249       83809

   POINT SOURCES                   4675        4605        9645       18360         925

   TOTAL                         112529        6165       22244       31609       84734
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	1177	314	395	2259	6755
POINT SOURCES	241	2041	1565	11	327
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1177	314	395	2259	6755
POINT SOURCES	241	2041	1565	11	327
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	0	1333	0	0	0
FOOD/AGRICULTURAL	27	0	0	0	0
PRIMARY METAL	5333	282940	0	0	0
MINERAL PRODUCTS	14919	10	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	1182	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	621	0
TOTAL (INDUSTRIAL)	20279	284283	0	1803	0
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	75	13	10	75	101
OPEN BURNING	104	6	39	195	552
TOTAL (GOVERNMENT)	179	19	49	270	653
RESIDENTIAL (AREA)					
ON SITE INCINERATION	356	5	11	1001	3003
OPEN BURNING	341	12	90	459	1461
TOTAL (RESIDENTIAL)	697	17	101	1460	4464
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	697	17	101	1460	4464
POINT SOURCES	179	19	49	270	653
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1952	105	1644	3225	37517
LIGHT DUTY TRUCKS	1743	126	1740	2789	33866
HEAVY DUTY VEHICLES	64	6	212	211	3372
OFF HIGHWAY	2	0	43	115	1456
TOTAL (GASOLINE)	3761	237	3639	6340	76211
DIESEL					
HEAVY DUTY VEHICLES	415	203	964	329	2342
OFF HIGHWAY	64	51	597	90	182
RAIL	30	67	437	107	152
TOTAL (DIESEL)	509	321	1998	526	2676
AIRCRAFT					
MILITARY	413	27	212	486	1003
CIVIL	2	0	14	40	799
TOTAL (AIRCRAFT)	415	27	226	526	1802
VESSELS					

```
*** N04 ***                                                                                          *** N04 ***
SELECT CARD = <30    121                                              45>
```

```
                POINT SOURCES              270          922          1115           24           69
            DISTILLATE OIL
                AREA SOURCES               213         3057          2123           33          531
                POINT SOURCES              137          193           230            6         9407
            NATURAL GAS
                AREA SOURCES                20            2           674           35          136
                POINT SOURCES               23            1           263           22           65
            OTHER
                POINT SOURCES              267         3974          1818           70          501
            TOTAL (COMM-INST)
                AREA SOURCES              2013        10360          7477          154         1090
                POINT SOURCES              697         5090          3426          122        10042

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             10071        23219         25413        15216        46538
                POINT SOURCES             7363        42426         46579         3614        15605

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 308         5369          3066           62          407
            NATURAL GAS                     32            1          1994           57          583
            TOTAL (ELEC GEN)               340         5370          5058          119          990

        INDUSTRIAL FUEL

            GASOLINE                         0            0             0           20            0
            TOTAL (INDUSTRIAL)               0            0             0           20            0

        TOTAL (INTERNAL COMB)              340         5370          5058          139          990

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             10071        23219         25413        15216        46538
                POINT SOURCES             7703        47796         51637         3753        16595
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              112308        14618          2740        35457         1781
    FOOD/AGRICULTURAL                    10726           15           321         1202            8
    PRIMARY METAL                          974           15           254          177          149
    SECONDARY METALS                      6204         1537            60          228        16470
    MINERAL PRODUCTS                     24719         3211           505          868          272
    PETROLEUM INDUSTRY                    1831        26496          3027         2736         6060
    WOOD PRODUCTS                         5779            0             0          182            0
    ORGANIC SOLVENT EVAPORATION           2818            2            16       103128            2
    PETROLEUM STORAGE/TRANSPORT           3057            3             2       114442            3
    METAL FABRICATION                     4842            9            26         1905            2
    TEXTILE MANUFACTURING                  879            3             3          640            3
    OTHER/NOT CLASSIFIED                 18012          958          2212         6328           56
    TOTAL (INDUSTRIAL)                  192149        46867          9166       267293        24804
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             220           46            52           76          584
        OTHER INCINERATION                  14            0             2            0            0
        TOTAL (GOVERNMENT)                 234           46            54           76          584

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               705           11            22         1980         5939
```

POINT SOURCES	16	6	3532	137	981
TOTAL (COMM-INST)					
AREA SOURCES	70	369	263	3	37
POINT SOURCES	82	23	5739	254	1421
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2727	1451	1432	5362	16074
POINT SOURCES	550	6053	12059	322	1760
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	13	561	611	43	208
NATURAL GAS	38	219	861	47	238
OTHER	0	0	3	0	1
TOTAL (ELEC GEN)	51	780	1475	90	447
INDUSTRIAL FUEL					
NATURAL GAS	1	1	1	1	1
TOTAL (INDUSTRIAL)	1	1	1	1	1
TOTAL (INTERNAL COMB)	52	781	1476	91	448
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2727	1451	1432	5362	16074
POINT SOURCES	602	6834	13535	413	2208
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	3171	5985	3	4197	2
FOOD/AGRICULTURAL	4931	0	0	0	0
PRIMARY METAL	84	0	0	0	46
SECONDARY METALS	218	85	9	1	13702
MINERAL PRODUCTS	2716	592	72	745	75
WOOD PRODUCTS	216	0	0	33	0
ORGANIC SOLVENT EVAPORATION	26	0	0	1262	0
PETROLEUM STORAGE/TRANSPORT	65	0	0	36902	0
METAL FABRICATION	726	0	0	31	0
OTHER/NOT'CLASSIFIED	122	0	0	111	0
TOTAL (INDUSTRIAL)	12275	6662	84	43282	13825
SOLID WASTE DISPOSAL					
*********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	29	0	1	86	251
OPEN BURNING	608	23	155	821	2603
TOTAL (RESIDENTIAL)	637	23	156	905	2854
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	137	43	65	79	187
TOTAL (COMM-INST)					
AREA SOURCES	137	43	65	79	187
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	2	0	0	2	4
POINT SOURCES	5	1	1	1	4

```
*** N07 ***                                                                                  *** N07 ***
SELECT CARD = <32    152                                       45>
```

```
*** NO8 ***
          HEAVY DUTY VEHICLES             355          26          516         1391        27210   *** NO8 ***
          OFF HIGHWAY                      14           7          153          405         5127
          TOTAL (GASOLINE)               7862         312         5505        10775       139052

       DIESEL

          HEAVY DUTY VEHICLES            1913         759         3505         2100         5213
          OFF HIGHWAY                     511         401         4817          734         1455
          RAIL                            207         472         3060          743         1076
          TOTAL (DIESEL)                 2631        1632        11382         3577         7744

    AIRCRAFT

       MILITARY                           238          15          122          280          578
       CIVIL                                3           1           15           46          927
       COMMERCIAL                           2           5           51           45          140
       TOTAL (AIRCRAFT)                   243          21          188          371         1645

    VESSELS

       GASOLINE                             0           1            9          186          670
       TOTAL (VESSELS)                      0           1            9          186          670

    TOTAL (TRANSPORTATION)              10736        1966        17084        14909       149111

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       18           0            4           18          143
    STRUCTURAL FIRES                       63           0            4           48          253
    GASOLINE STA EVAP LOSS                  0           0            0         1142            0
    SOLVENT EVAPORATION LOSS                0           0            0         2051            0
    UNPAVED ROADS                      353278           0            0            0            0
    UNPAVED AIRSTRIPS                      11           0            0            0            0
    TOTAL (MISCELLANEOUS)              353370           0            8         3259          396

GRAND TOTAL
***********

    AREA SOURCES                       364805        3120        18206        19212       152784

    POINT SOURCES                        4513       56825        64388        17019         9520

    TOTAL                              369318       59945        82594        36231       162304
```

```
*** N09 ***
                                                                                                   *** N09 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                 RUN DATE:      MONDAY   NOVEMBER 28, 1983
STATE:33 NEW YORK       AQCR:043 NEW JERSEY-NEW YORK-CONNECTICU     AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
                                                                   POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              87            238             26             87            789
         BITUMINOUS COAL              69            307             15             44            403
         DISTILLATE OIL             1477          17010          10631            413           2954
         NATURAL GAS                 178             35           5949            314           1190
         WOOD                       1453             15            115           3016           8957
         TOTAL (RESIDENTIAL)        3264          17605          16736           3872          14293
      ELEC GENERATION (POINT)

         RESIDUAL OIL              15094         171016          57624            654           4300
         DISTILLATE OIL               15            324            167              1             33
         NATURAL GAS                 165             33          28605             86           2192
         TOTAL (ELEC GEN)          15274         171373          86396            739           6525
      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               2             19              9              0              0
         RESIDUAL OIL
            POINT SOURCES            538           6708           4399            356            398
         DISTILLATE OIL
            POINT SOURCES             48           1026            351              3             86
         NATURAL GAS
            AREA SOURCES              26              5           3072            665            357
            POINT SOURCES              7              1            632            116             72
         TOTAL (INDUSTRIAL)
            AREA SOURCES              28             24           3081            665            357
            POINT SOURCES            593           7735           5382            475            556
      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            POINT SOURCES             57             13             10              0              0
         BITUMINOUS COAL
            AREA SOURCES               0              3              0              0              0
            POINT SOURCES           1376            959            344              1             78
         RESIDUAL OIL
            POINT SOURCES           1683          22312          15180            311           1380
         DISTILLATE OIL
            POINT SOURCES            588           8636           3190             53            798
         NATURAL GAS
```

```
*** N10 ***
            POINT SOURCES                 214           35            30           161           245      *** N10 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         18705          785         16257         18014        184725
            LIGHT DUTY TRUCKS            3690          238          4760          4907         42535
            HEAVY DUTY VEHICLES           754           69          2217          2445         38778
            OFF HIGHWAY                    81           44           892          2378         30041
            TOTAL (GASOLINE)            23230         1136         24126         27744        296079

        DIESEL

            HEAVY DUTY VEHICLES          1369          630          5706           736          2253
            OFF HIGHWAY                   191          150          1799           274           545
            RAIL                           39           93           600           147           212
            TOTAL (DIESEL)               1599          873          8105          1157          3010

    AIRCRAFT

        MILITARY                            7            0             3             8            16
        CIVIL                               7            3            33           102          2055
        COMMERCIAL                         11           26           266           235           731
        TOTAL (AIRCRAFT)                   25           29           302           345          2802

    VESSELS

        GASOLINE                            0            8            45          1013          3609
        TOTAL (VESSELS)                     0            8            45          1013          3609

    TOTAL (TRANSPORTATION)              24854         2046         32578         30259        305500

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                      321            0            31           240          1307
    GASOLINE STA EVAP LOSS                  0            0             0          4369             0
    SOLVENT EVAPORATION LOSS                0            0             0         16932             0
    UNPAVED ROADS                       14385            0             0             0             0
    UNPAVED AIRSTRIPS                       9            0             0             0             0
    TOTAL (MISCELLANEOUS)               14715            0            31         21541          1307

GRAND TOTAL
***********

    AREA SOURCES                        42940         2761         36454         58112        325673

    POINT SOURCES                       14518       107241         41207          2853          3543

    TOTAL                               57458       110002         77661         60965        329216
```

```
                  POINT SOURCES             161         2510          354            0           14
         TOTAL (EXTERNAL COMB)
                  AREA SOURCES            12493          397         3064        25964        77062
                  POINT SOURCES           17855       113504        28046          252         2232
     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES            12493          397         3064        25964        77062
                  POINT SOURCES           17855       113504        28046          252         2232
INDUSTRIAL PROCESS (POINT)
**************************

       OTHER/NOT CLASSIFIED                1759            5            5         1525            0
       TOTAL (INDUSTRIAL)                  1759            5            5         1525            0
SOLID WASTE DISPOSAL
********************

       GOVERNMENT (POINT)

           MUNICIPAL INCINERATION            12            2            2            9           13
           TOTAL (GOVERNMENT)                12            2            2            9           13
       RESIDENTIAL (AREA)

           ON SITE INCINERATION              76            0            1          217          653
           OPEN BURNING                     366           12           94          494         1565
           TOTAL (RESIDENTIAL)              442           12           95          711         2218
       COMMERCIAL-INSTITUTIONAL

           ON SITE INCINERATION
                  AREA SOURCES               78           23           36           46          107
                  POINT SOURCES              62            9            9           50           71
           TOTAL (COMM-INST)
                  AREA SOURCES               78           23           36           46          107
                  POINT SOURCES              62            9            9           50           71
       INDUSTRIAL

           ON SITE INCINERATION
                  AREA SOURCES                8            0            0            8           14
                  POINT SOURCES               6            1            1            6            9
           OPEN BURNING
                  AREA SOURCES               10            0            5           15           50
           TOTAL (INDUSTRIAL)
                  AREA SOURCES               18            0            5           23           64
                  POINT SOURCES               6            1            1            6            9
      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              538           35          136          780         2389
                  POINT SOURCES              80           12           12           65           93
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES           8655          426         9181         9677        93406
             LIGHT DUTY TRUCKS             2291          160         3331         3465        28970
             HEAVY DUTY VEHICLES            354           36         1172         1168        18665
             OFF HIGHWAY                     31           17          355          943        11923
```

```
                  POINT SOURCES               0             5             9             4            14
          OPEN BURNING
                  AREA SOURCES                2             0             1             3            10
          TOTAL (INDUSTRIAL)
                  AREA SOURCES               17             3             4            18            33
                  POINT SOURCES               0             5             9             4            14

     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              734            44           197           965          2951
                  POINT SOURCES               0             6            11            34           144
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES           7164           484         10893         10724         91125
             LIGHT DUTY TRUCKS             2299           216          4489          4233         31380
             HEAVY DUTY VEHICLES            516            65          2228          1807         29309
             OFF HIGHWAY                     45            24           496          1320         16691
             TOTAL (GASOLINE)             10024           789         18106         18084        168505

         DIESEL

             HEAVY DUTY VEHICLES           1670           903          8073           879          2642
             OFF HIGHWAY                    118            94          1124           171           339
             RAIL                            52           118           752           182           265
             TOTAL (DIESEL)                1840          1115          9949          1232          3246

     AIRCRAFT

         MILITARY                             2             0             1             2             4
         CIVIL                                4             2            29            88          1743
         COMMERCIAL                           2             5            47            42           130
         TOTAL (AIRCRAFT)                     8             7            77           132          1877

     VESSELS

         GASOLINE                             0             0             4            78           280
         TOTAL (VESSELS)                      0             0             4            78           280

     TOTAL (TRANSPORTATION)               11872          1911         28136         19526        173908

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       393             1            90           442          3225
     FOREST MANAGED BURNING                 221             0            45           158          1237
     STRUCTURAL FIRES                       153             0            14           115           618
     GASOLINE STA EVAP LOSS                   0             0             0          2559             0
     SOLVENT EVAPORATION LOSS                 0             0             0         13124             0
     UNPAVED ROADS                        50656             0             0             0             0
     UNPAVED AIRSTRIPS                        5             0             0             0             0
     TOTAL (MISCELLANEOUS)                51428             1           149         16398          5080
GRAND TOTAL
***********

     AREA SOURCES                         74280          4872         32336         57560        242659

     POINT SOURCES                        25948        137071         69894         12525          2796

     TOTAL                               100228        141943        102230         70085        245455
```

```
*** N13 ***                                                                                                  *** N13 ***
          TOTAL (COMM-INST)
               AREA SOURCES                 32          111          138            4           36
               POINT SOURCES                51          699          177            3           28

     TOTAL (EXTERNAL COMB)
               AREA SOURCES               6781         1793         2953        13808        40394
               POINT SOURCES               855        12958         4538           36          298

  INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

            DISTILLATE OIL                   0            8           19            1            4
            NATURAL GAS                      0            0           60            2           17
            TOTAL (ELEC GEN)                 0            8           79            3           21

       TOTAL (INTERNAL COMB)                 0            8           79            3           21

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES               6781         1793         2953        13808        40394
               POINT SOURCES               855        12966         4617           39          319

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   6            1            0          169            0
    FOOD/AGRICULTURAL                      435            0            0            0            0
    SECONDARY METALS                        15            0            0            0            0
    MINERAL PRODUCTS                       393           45           22           50           73
    WOOD PRODUCTS                          600            3           10           10           22
    ORGANIC SOLVENT EVAPORATION              0            0            9         3387           20
    PETROLEUM STORAGE/TRANSPORT              0            0            0           19            0
    TEXTILE MANUFACTURING                   23            0           27          179            0
    OTHER/NOT CLASSIFIED                    20            0            0          511            0
    TOTAL (INDUSTRIAL)                    1492           49           68         4325          115

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

         OPEN BURNING                     1864           67          477         2516         7979
         TOTAL (RESIDENTIAL)              1864           67          477         2516         7979

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               146           46           69           86          200
                POINT SOURCES                0            1            1            1            2
        OPEN BURNING
                AREA SOURCES                 2            0            0            4            8
        TOTAL (COMM-INST)
                AREA SOURCES               148           46           69           90          208
                POINT SOURCES                0            1            1            1            2

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                85           19           19           76          114
                POINT SOURCES                1            0            0            1            1
        OPEN BURNING
                AREA SOURCES                52            1           19           89          309
        TOTAL (INDUSTRIAL)
                AREA SOURCES               137           20           38          165          423
                POINT SOURCES                1            0            0            1            1
```

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                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                            RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:35 NORTH DAKOTA     AQCR:130 METROPOLITAN FARGO-MOORHEAD             AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
                                                                          POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                               PARTICULATES          SOX              NOX              VOC              CO
                               ************    ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                2                3                0                1               10
         DISTILLATE OIL                 9               99               62                2               17
         NATURAL GAS                    2                0               67                4               13
         WOOD                          61                1                5              126              375
         TOTAL (RESIDENTIAL)           74              103              134              133              415
      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              430             1067              521                2               67
         RESIDUAL OIL
            AREA SOURCES               20              243               56                0                5
         DISTILLATE OIL
            AREA SOURCES               10              102              115                4               27
         NATURAL GAS
            AREA SOURCES                2                0             1700              680              231
            POINT SOURCES               2                0               96                2               24
         TOTAL (INDUSTRIAL)
            AREA SOURCES              462             1392             2392              686              330
            POINT SOURCES               2                0               96                2               24
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              137              218               73                3               63
         LIGNITE
            POINT SOURCES            1057              373               93                1               78
         RESIDUAL OIL
            AREA SOURCES                4               50               12                0                1
         DISTILLATE OIL
            AREA SOURCES                5               76               53                1               13
         NATURAL GAS
            AREA SOURCES                3                1              100                5               20
         TOTAL (COMM-INST)
            AREA SOURCES              149              365              238                9               77
            POINT SOURCES            1057              373               93                1               78

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              685             1860             2764              828              822
            POINT SOURCES            1059              373              189                3              102
   TOTAL (FUEL COMBUSTION)
```

```
        ON SITE INCINERATION
                AREA SOURCES            247          78          117          143          338
        OPEN BURNING
                AREA SOURCES              8           0            2           15           38
        TOTAL (COMM-INST)
                AREA SOURCES            255          78          119          158          376

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             91          19           19           82          122
                POINT SOURCES            70           7           17           67          201
        OPEN BURNING
                AREA SOURCES             66           2           23          113          399
        TOTAL (INDUSTRIAL)
                AREA SOURCES            157          21           42          195          521
                POINT SOURCES            70           7           17           67          201

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           2872         169          565         5169        15621
                POINT SOURCES           967         173          334          206         2111
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       27662         894        19068        26267       282738
            LIGHT DUTY TRUCKS          4505         208         4206         5521        51995
            HEAVY DUTY VEHICLES        1375         100         3008         4268        66688
            OFF HIGHWAY                  72          39          801         2129        26916
            TOTAL (GASOLINE)          33614        1261        27083        38165       428337

        DIESEL

            HEAVY DUTY VEHICLES        6639        1726        15892         2426         7534
            OFF HIGHWAY                 346         270         3254          495          984
            RAIL                        452        1030         6687         1625         2351
            TOTAL (DIESEL)             5237        3024        25833         4546        10869
    AIRCRAFT

        MILITARY                          5           0            3
        CIVIL                             8           6           31            6           12
        COMMERCIAL                        1           2           17           99         1975
        TOTAL (AIRCRAFT)                 14           6           51           15           47
                                                                              120         2034
    VESSELS

        DIESEL FUEL                       5           5           43           10           15
        GASOLINE                          0           0            6          102          366
        TOTAL (VESSELS)                   5           5           47          112          381

    TOTAL (TRANSPORTATION)            38870        4276        53014        42963       441621
MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                    380           0           36          286         1549
    GASOLINE STA EVAP LOSS                0           0            0         5379            0
    SOLVENT EVAPORATION LOSS              0           0            0        22869            0
    UNPAVED ROADS                      1831           0            0            0            0
    TOTAL (MISCELLANEOUS)              2211           0           36        28532         1549
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:36 OHIO            AQCR:174 GREATER METROPOLITAN CLEVELAND          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                         POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0               1               0               0               5
         DISTILLATE OIL               71             823             515              20             143
         NATURAL GAS                 201              39            6713             355            1362
         WOOD                       3761              39             298            7807           23203
         TOTAL (RESIDENTIAL)        4033             902            7526            8182           24693

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           40695          269382           60189             960            3219
         RESIDUAL OIL                427             826             309              36             166
         DISTILLATE OIL                2              2[illegible]      17               1              12
         NATURAL GAS                   0               0               1               0               0
         TOTAL (ELEC GEN)          41124          270230           60516             997            3395

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          18485           95884           20810             260             746
         RESIDUAL OIL
            POINT SOURCES            627            6935            1959              40             136
         DISTILLATE OIL
            AREA SOURCES              73             727             821              28             195
            POINT SOURCES             77            1900             425              21              63
         NATURAL GAS
            AREA SOURCES              82              15           17643            5488            2208
            POINT SOURCES            115              36            1417             110             140
         PROCESS GAS
            POINT SOURCES            939            5489            2500              13            1036
         WOOD
            POINT SOURCES              1               1               4               1               1
         OTHER
            POINT SOURCES              8               6               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             155             742           18264            5516            2603
            POINT SOURCES          20252          110251           27115             445            2122

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              62             205              74               0               4
         BITUMINOUS COAL
            POINT SOURCES           1887            8478            1134              68             170
```

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*** N17 ***                                                                                              *** N17 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          10297          522        11557        12448       119168
         LIGHT DUTY TRUCKS             2831          198         4203         4407        36724
         HEAVY DUTY VEHICLES            777           81         2645         2580        41263
         OFF HIGHWAY                     61           21          436         1152        14560
         TOTAL (GASOLINE)             13946          822        18841        20587       211715

      DIESEL

         HEAVY DUTY VEHICLES           2323         1138        10262         1239         3765
         OFF HIGHWAY                    556          436         5223          796         1580
         RAIL                           212          483         3135          762         1101
         TOTAL (DIESEL)                3089         2057        18620         2797         6446

   AIRCRAFT

      CIVIL                               5            1           32          101         1980
      TOTAL (AIRCRAFT)                    5            1           32          101         1980

   VESSELS

      GASOLINE                            0           16           89         1951         6953
      TOTAL (VESSELS)                     0           16           89         1951         6953

   TOTAL (TRANSPORTATION)             17040         2896        37582        25436       227094

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      51            0           12           58          422
   STRUCTURAL FIRES                     171            0           18          127          686
   GASOLINE STA EVAP LOSS                 0            0            0         2675            0
   SOLVENT EVAPORATION LOSS               0            0            0        14198            0
   UNPAVED ROADS                      12036            0            0            0            0
   TOTAL (MISCELLANEOUS)              12258            0           30        17058         1108

GRAND TOTAL
***********

   AREA SOURCES                       38180         3715        44347        61712       282330

   POINT SOURCES                      34026        26000         6139         3987        39360

   TOTAL                              72206        29715        50486        65699       321690
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                              NATIONAL EMISSIONS DATA SYSTEM
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                              ENVIRONMENTAL PROTECTION AGENCY
                              *******************************

STATE EMISSIONS REPORT
****************************                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE 28:NEBRASKA                      AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
                                      POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                       PARTICULATES       SOX            NOX            VOC            CO
                       ************   ************   ************   ************   ************
                        TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          14             23              0             11             93
            DISTILLATE OIL           13            241            153              3             38
            NATURAL GAS              66              8           2517            164            502
            WOOD                   1727             13            138           3510          10596
            TOTAL (RESIDENTIAL)    1820            285           2808           3688          11229

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        6932          48581          79321            967           1261
            RESIDUAL OIL              3             36             20              0              1
            DISTILLATE OIL            0             71             39              3              5
            NATURAL GAS               5              1           1054              2             80
            TOTAL (ELEC GEN)       6940          48689          80434            972           1347

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        664           4115           2050             37            254
                POINT SOURCES       581            165            460              3            264
            RESIDUAL OIL
                AREA SOURCES          3             57             12              4              1
                POINT SOURCES        11            143             28              0              3
            DISTILLATE OIL
                AREA SOURCES          7            111            125              2             26
                POINT SOURCES         1             66             16              0              4
            NATURAL GAS
                AREA SOURCES         33              5           7488           1315            930
                POINT SOURCES        22              4           2487             17            298
            WOOD
                POINT SOURCES        20              0              3              4              9
            OTHER
                POINT SOURCES         1              9             19              1              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES        707           4288           9675           1358           1211
                POINT SOURCES       636            387           3013             25            582

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         15             85             26              0             11
                POINT SOURCES         5             61             37              0             13
            RESIDUAL OIL
                AREA SOURCES          3             45              9              3              1
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SELECT CARD = <28     146                                                                                                   45>
STATE 28 COUNTY 0080 NOT FOUND IN POINT FILE
STATE 28 COUNTY 0140 NOT FOUND IN POINT FILE
STATE 28 COUNTY 0200 NOT FOUND IN POINT FILE
STATE 28 COUNTY 1100 NOT FOUND IN POINT FILE
STATE 28 COUNTY 1300 NOT FOUND IN POINT FILE
STATE 28 COUNTY 1620 NOT FOUND IN POINT FILE
STATE 28 COUNTY 1660 NOT FOUND IN POINT FILE
STATE 28 COUNTY 2380 NOT FOUND IN POINT FILE
STATE 28 COUNTY 2480 NOT FOUND IN POINT FILE
STATE 28 COUNTY 2680 NOT FOUND IN POINT FILE
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        GASOLINE                                0            2           15          348         1239
        TOTAL (VESSELS)                         0            2           15          348         1239

    TOTAL (TRANSPORTATION)                   4685          587         5878         7760        81928

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         2544           22          600         2876        20965
    AGRICULTURAL BURNING                       31            0            6           28          203
    STRUCTURAL FIRES                           91            0            7           68          371
    GASOLINE STA EVAP LOSS                      0            0            0          844            0
    SOLVENT EVAPORATION LOSS                    0            0            0          551            0
    UNPAVED ROADS                          487124            0            0            0            0
    UNPAVED AIRSTRIPS                          71            0            0            0            0
    TOTAL (MISCELLANEOUS)                  489861           22          611         4367        21539
GRAND TOTAL
***********

    AREA SOURCES                           496420          940         6985        15826       114686

    POINT SOURCES                           20699       286343         1614         2084          980

    TOTAL                                  517119       287283         8599        17910       115666
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                                   NATIONAL EMISSIONS DATA SYSTEM
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                                   ENVIRONMENTAL PROTECTION AGENCY
                                  *********************************

STATE/AQCR EMISSIONS REPORT
****************************                                                RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE:30 NEW HAMPSHIRE   AQCR:121 MERRIMACK VALLEY-SOUTHERN NEW   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                  POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                         PARTICULATES        SOX             NOX             VOC             CO
                         ************    ************    ************    ************    ************
                          TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             4              10               0               4              36
         DISTILLATE OIL            162            1868            1166              46             325
         NATURAL GAS                 9               1             324              18              65
         WOOD                     5830              61             461           12103           35972
         TOTAL (RESIDENTIAL)      6005            1940            1951           12171           36398

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           347           44629           16465             167             546
         RESIDUAL OIL             1717           21343            4267             110             487
         TOTAL (ELEC GEN)         2064           65772           20732             277            1033

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             1              21              12               0               0
         BITUMINOUS COAL
            POINT SOURCES           30              13               7               0               3
         RESIDUAL OIL
            AREA SOURCES            45             564             129               0              12
            POINT SOURCES          515            6582            1285               8              90
         DISTILLATE OIL
            AREA SOURCES            17             149             168               6              40
            POINT SOURCES            0              54               8               0               3
         NATURAL GAS
            AREA SOURCES             1               0              82               1              20
            POINT SOURCES            6               2              97               0               0
         PROCESS GAS
            POINT SOURCES            0               4               4               0               1
         COKE
            AREA SOURCES             7              19               3               0               1
         WOOD
            POINT SOURCES           10               0               2               2               5
         TOTAL (INDUSTRIAL)
            AREA SOURCES            71             753             394               7              73
            POINT SOURCES          561            6655            1403              10             102

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            26              81              31               0               1
```

```
*** 005 ***
       OPEN BURNING                      1088          41          280         1469          4660    *** 005 ***
       TOTAL (RESIDENTIAL)               1793          52          302         3449         10599

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES              3236        1022         1532         1873          4428
               POINT SOURCES              147          12           23           50            87
       TOTAL (COMM-INST)
               AREA SOURCES              3236        1022         1532         1873          4428
               POINT SOURCES              147          12           23           50            87

    INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES               110          23           23           99           146
               POINT SOURCES              910          23           58           45            82
       TOTAL (INDUSTRIAL)
               AREA SOURCES               110          23           23           99           146
               POINT SOURCES              910          23           58           45            82

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES              5139        1097         1857         5421         15173
               POINT SOURCES             1291          81          135          171           753

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES          121629        3710        79695       116782       1242984
          LIGHT DUTY TRUCKS             12308         515        10133        14223        136975
          HEAVY DUTY VEHICLES            4386         303         9069        13523        210822
          OFF HIGHWAY                     231         124         2567         6831         86371
          TOTAL (GASOLINE)             138554        4652       101464       149359       1677152

       DIESEL

          HEAVY DUTY VEHICLES           12798        4888        45127         7003         21782
          OFF HIGHWAY                     323         253         3045          464           921
          RAIL                            103         232         1514          367           532
          TOTAL (DIESEL)                13224        5373        49686         7834         23235

    AIRCRAFT

       MILITARY                            24           1           13           29            60
       CIVIL                               26          16          113          349          7008
       COMMERCIAL                          53         123         1276         1132          3515
       TOTAL (AIRCRAFT)                   103         138         1402         1510         10583

    VESSELS

       DIESEL FUEL                        178         224         1672          418           585
       RESIDUAL OIL                      1073       14143         2324          139            78
       GASOLINE                             0           9           61         1304          4650
       TOTAL (VESSELS)                   1251       14376         4057         1861          5313

    TOTAL (TRANSPORTATION)             153132       24539       156609       160564       1716283

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      350           2           83          396          2885
    FOREST MANAGED BURNING                 71           0           15           51           402
    TOTAL (INDUSTRIAL)
            AREA SOURCES                   2             0             0             2             4
            POINT SOURCES                  5             1             1             1             4

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 776            66           221           986          3045
            POINT SOURCES                  5             1             1             1             4

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            5653           333          7285          7166         65530
         LIGHT DUTY TRUCKS              1227            98          2006          1902         15302
         HEAVY DUTY VEHICLES             175            20           684           598          9646
         OFF HIGHWAY                      12             6           135           358          4527
         TOTAL (GASOLINE)               7067           457         10110         10024         95005

      DIESEL

         HEAVY DUTY VEHICLES             463           250          2227           244           735
         OFF HIGHWAY                      54            44           515            78           156
         RAIL                              6            13            87            21            30
         TOTAL (DIESEL)                  523           307          2829           343           921

   AIRCRAFT

      CIVIL                                4             3            17            53          1057
      TOTAL (AIRCRAFT)                     4             3            17            53          1057

   VESSELS

      GASOLINE                             0             1            10           226           804
      TOTAL (VESSELS)                      0             1            10           226           804

   TOTAL (TRANSPORTATION)               7594           768         12966         10666         97787

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      104             0            25           116           851
   STRUCTURAL FIRES                       63             0             6            48           257
   GASOLINE STA EVAP LOSS                  0             0             0          1236             0
   SOLVENT EVAPORATION LOSS                0             0             0          5138             0
   UNPAVED ROADS                        1683             0             0             0             0
   UNPAVED AIRSTRIPS                       4             0             0             0             0
   TOTAL (MISCELLANEOUS)                1854             0            31          6538          1108

GRAND TOTAL
***********

   AREA SOURCES                        12951          2285         14650         23532        118014

   POINT SOURCES                       12882         13497         13620         43696         16037

   TOTAL                               25833         15782         28270         67228        134051
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT
***************************                                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE:32 NEW MEXICO      AQCR:152 ALBUQUERQUE-MID RIO GRANDE          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                               PARTICULATES         SOX              NOX              VOC              CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              2                5                0                1               10
            DISTILLATE OIL               1               21                9                0                2
            NATURAL GAS                 16                3              528               28              105
            WOOD                       515                5               41             1069             3177
            TOTAL (RESIDENTIAL)        534               34              578             1098             3294

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 0                1                0                0                0
            NATURAL GAS                 13                3             1313                6              174
            TOTAL (ELEC GEN)            13                4             1313                6              174

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES           164             1765              469                2               42
            DISTILLATE OIL
                AREA SOURCES            43              649              488               17              115
            NATURAL GAS
                AREA SOURCES             8                2              402                8              101
            TOTAL (INDUSTRIAL)
                AREA SOURCES           215             2416             1359               27              258

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                POINT SOURCES            0                5                2                0                1
            NATURAL GAS
                AREA SOURCES            11                2              371               19               74
                POINT SOURCES            1                0              168                1               15
            TOTAL (COMM-INST)
                AREA SOURCES            11                2              371               19               74
                POINT SOURCES            1                5              170                1               16

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           760             2452             2308             1144             3626
                POINT SOURCES           14                9             1483                7              190

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                  2                1              450               12               64
```

```
SELECT CARD = <32    156                                          45>
```

```
                 AREA SOURCES              121          26          4071         215          814
                 POINT SOURCES              52          10          2136          71          485
             TOTAL (COMM-INST)
                 AREA SOURCES              121          27          4071         215          814
                 POINT SOURCES            3756       31930         20860         436         2741

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES             3413       17656         23888        4752        15464
                 POINT SOURCES           19623      211038        112638        1650         9822

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                 39         218           527          37          120
             NATURAL GAS                    52           2          1656          49          438
             TOTAL (ELEC GEN)               91         220          2183          86          558

         COMM-INSTITUTIONAL

             TOTAL (COMM-INST)              18          17           253          17           55

         TOTAL (INTERNAL COMB)             109         237          2436         103          613

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             3413       17656         23888        4752        15464
                 POINT SOURCES           19732      211275        115074        1753        10435

 INDUSTRIAL PROCESS (POINT)
 **************************

     SECONDARY METALS                      141           0             0           0            0
     MINERAL PRODUCTS                      102           0             0           0            0
     PETROLEUM STORAGE/TRANSPORT             0           0             0          36            0
     OTHER/NOT CLASSIFIED                 1352          26           112        6504            0
     TOTAL (INDUSTRIAL)                   1595          26           112        6540            0

 SOLID WASTE DISPOSAL
 ********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION          22111        3389          3699        2047        47423
         TOTAL (GOVERNMENT)              22111        3389          3699        2047        47423

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             1568          26            49        4414        13266
         OPEN BURNING                     7392         275          1892        9971        31625
         TOTAL (RESIDENTIAL)              8960         299          1941       14385        44869

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES             1569         495           742         907         2145
                 POINT SOURCES             709         221           264         343          958
         OPEN BURNING
                 AREA SOURCES               26           0             9          52          161
         TOTAL (COMM-INST)
                 AREA SOURCES             1595         495           751         959         2286
                 POINT SOURCES             709         221           264         343          958

     INDUSTRIAL

         ON SITE INCINERATION
```

SELECT CARD = <33   161   45>

```
          TOTAL (GASOLINE)              11131          637        14039        15253       152964      *** 011 ***

      DIESEL

          HEAVY DUTY VEHICLES             719          350         3165          386         1163
          OFF HIGHWAY                     139          112         1320          201          399
          RAIL                             22           47          313           76          109
          TOTAL (DIESEL)                  880          509         4798          661         1671

   AIRCRAFT

      MILITARY                              4            0            2            5           10
      CIVIL                                 5            4           22           69         1376
      COMMERCIAL                            7           15          160          142          442
      TOTAL (AIRCRAFT)                     16           19          184          216         1828

   VESSELS

      GASOLINE                              0            3           20          443         1582
      TOTAL (VESSELS)                       0            3           20          443         1582

   TOTAL (TRANSPORTATION)               12027         1168        19041        16573       158045

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       148            1           36          167         1214
   STRUCTURAL FIRES                       166            0           15          124          677
   GASOLINE STA EVAP LOSS                   0            0            0         2162            0
   SOLVENT EVAPORATION LOSS                 0            0            0         8262            0
   UNPAVED ROADS                        11507            0            0            0            0
   UNPAVED AIRSTRIPS                       20            0            0            0            0
   TOTAL (MISCELLANEOUS)                11841            1           51        10715         1891

GRAND TOTAL
***********

   AREA SOURCES                         36899         1601        22292        54032       239387

   POINT SOURCES                        19694       113521        28063         1842         2325

   TOTAL                                56593       115122        50355        55874       241712
```

```
*** 012 ***                                                                                      *** 012 ***
SELECT CARD = <34    166                                                   65>
```

```
*** 013 ***                                                                                        *** 013 ***
   TOTAL (SOLID WASTE DISP)
               AREA SOURCES           2149        133        586       2771       8610
               POINT SOURCES             1          1          1          2          3

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          8562        465      10213      10722      97525
         LIGHT DUTY TRUCKS            1954        152       3106       3109      24489
         HEAVY DUTY VEHICLES           566         60       2015       1896      30401
         OFF HIGHWAY                    33         19        369        984      12448
         TOTAL (GASOLINE)            11115        696      15703      16711     164863

      DIESEL

         HEAVY DUTY VEHICLES           788        407       3640        417       1265
         OFF HIGHWAY                   101         79        956        146        289
         RAIL                           57        128        831        202        292
         TOTAL (DIESEL)                946        614       5427        765       1846

   AIRCRAFT

      MILITARY                        1295         84        665       1523       3145
      CIVIL                              3          1         24         75       1501
      COMMERCIAL                         4          8         86         76        237
      TOTAL (AIRCRAFT)                1302         93        775       1674       4883

   VESSELS

      GASOLINE                           0          0          2         80        288
      TOTAL (VESSELS)                    0          0          2         80        288

   TOTAL (TRANSPORTATION)            13363       1403      21907      19230     171880

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   2643         23        621       2985      21762
   FOREST MANAGED BURNING             1272         10        254        909       7123
   AGRICULTURAL BURNING                670          0         96        619       4460
   STRUCTURAL FIRES                    168          0         16        126        678
   GASOLINE STA EVAP LOSS                0          0          0       2637          0
   SOLVENT EVAPORATION LOSS              0          0          0       8306          0
   UNPAVED ROADS                     33756          0          0          0          0
   UNPAVED AIRSTRIPS                     7          0          0          0          0
   TOTAL (MISCELLANEOUS)             38516         33        985      15582      34023

GRAND TOTAL
***********

   AREA SOURCES                      60809       3362      26629      51391     254907

   POINT SOURCES                      2348      13016       4486       4366        437

   TOTAL                             63157      16378      31115      55757     255344
```

```
*** 014 ***
                AREA SOURCES              685            1840            2766             828             822   *** 014 ***
                POINT SOURCES            1059             373             189               3             102

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                     111               0               0               0               0
    SECONDARY METALS                        5               1               0               0             151
    MINERAL PRODUCTS                      101               0               0               0               0
    TOTAL (INDUSTRIAL)                    217               1               0               0             151

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               80               1               2             224             672
        OPEN BURNING                       68               3              17              91             290
        TOTAL (RESIDENTIAL)               148               4              19             315             962

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                7               2               3               4               9
        TOTAL (COMM-INST)
                AREA SOURCES                7               2               3               4               9

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                1               0               0               1               2
        TOTAL (INDUSTRIAL)
                AREA SOURCES                1               0               0               1               2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              156               6              22             320             973

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          1647              58            1282            1594           16752
            LIGHT DUTY TAUCKS             482              26             547             675            6306
            HEAVY DUTY VEHICLES            77               7             217             260            4078
            OFF HIGHWAY                     4               2              49             130            1641
            TOTAL (GASOLINE)             2010              93            2095            2659           28777

        DIESEL

            HEAVY DUTY VEHICLES           650             289            2630             351            1076
            OFF HIGHWAY                    65              51             608              93             184
            RAIL                           81             184            1193             290             419
            TOTAL (DIESEL)                796             524            4431             734            1679

    AIRCRAFT

        MILITARY                           43               3              22              50             103
        CIVIL                               1               1               6              20             399
        COMMERCIAL                          3               7              70              62             194
        TOTAL (AIRCRAFT)                   47              11              98             132             696

    VESSELS
```

```
*** 015 ***
GRAND TOTAL
***********                                                                                         *** 015 ***

   AREA SOURCES                        49513          5778         64718         89843        493196

   POINT SOURCES                       21637        208781         77453         22828         15200

   TOTAL                               71150        214559        142171        112671        508396
```

```
          RESIDUAL OIL
             POINT SOURCES                  41          582          284            8           18
          DISTILLATE OIL
             AREA SOURCES                   35          502          349            5           87
             POINT SOURCES                   4            5            0            0            0
          NATURAL GAS
             AREA SOURCES                   82           16         2693          142          540
             POINT SOURCES                  62           20           61           45           47
          TOTAL (COMM-INST)
             AREA SOURCES                  179          723         3116          147          631
             POINT SOURCES                1994         9065         1479          121          235

       TOTAL (EXTERNAL COMB)
             AREA SOURCES                 6367         2367        28906        13865        27727
             POINT SOURCES               63370       389566        89110         1563         5752

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                    38          120          131           19           57
          NATURAL GAS                        0            0          165            4           21
          TOTAL (ELEC GEN)                  38          120          296           23           78

       TOTAL (INTERNAL COMB)                38          120          296           23           78

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 6367         2367        28906        13865        27727
             POINT SOURCES               63408       389686        89406         1586         5830
 INDUSTRIAL PROCESS (POINT)
 **************************

    CHEMICAL MANUFACTURING                 577         2390          191         3935            0
    FOOD/AGRICULTURAL                       42            0            0            5            0
    PRIMARY METAL                        25479         4522           32         3615        54223
    SECONDARY METALS                      3268         2857           36         1915         2806
    MINERAL PRODUCTS                      5689           97           83          181           63
    PETROLEUM INDUSTRY                       0            0            0           12            0
    WOOD PRODUCTS                           65            0            0            0            0
    ORGANIC SOLVENT EVAPORATION             58            0            0        47740            0
    PETROLEUM STORAGE/TRANSPORT              0            0            0         7153            0
    METAL FABRICATION                      777            0            0          712            0
    TEXTILE MANUFACTURING                    0            0            0         2803            0
    OTHER/NOT CLASSIFIED                   189          121            0         4769            0
    TOTAL (INDUSTRIAL)                   36124         9987          342        72840        57092
 SOLID WASTE DISPOSAL
 ********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION              501          119          120          391         1344
       OTHER INCINERATION                 4450           49          251           49            0
       TOTAL (GOVERNMENT)                 4951          168          371          440         1344

    RESIDENTIAL (AREA)

       ON SITE INCINERATION               2553           39           80         7177        21534
       OPEN BURNING                       3696          138          944         4984        15816
       TOTAL (RESIDENTIAL)                6249          177         1024        12161        37350

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
```

```
*** 017 ***                                                                                          *** 017 ***
SELECT CARD = <36    178                                                  45>
```

```
A10...STATE:33 NEW YORK                 AQCR:043
B10...STATE:33 NEW YORK                 AQCR:043
C10...STATE:33 NEW YORK                 AQCR:043
D10...STATE:33 NEW YORK                 AQCR:158
E10...STATE:33 NEW YORK                 AQCR:158
F10...STATE:33 NEW YORK                 AQCR:158
G10...STATE:33 NEW YORK                 AQCR:158
H10...STATE:33 NEW YORK                 AQCR:159
I10...STATE:33 NEW YORK                 AQCR:159
J10...STATE:33 NEW YORK                 AQCR:159
K10...STATE:33 NEW YORK                 AQCR:159
L10...STATE:33 NEW YORK                 AQCR:160
M10...STATE:33 NEW YORK                 AQCR:160
N10...STATE:33 NEW YORK                 AQCR:160
O10...STATE:33 NEW YORK                 AQCR:160
A11...STATE:33 NEW YORK                 AQCR:161
B11...STATE:33 NEW YORK                 AQCR:161
C11...STATE:33 NEW YORK                 AQCR:161
D11...STATE:33 NEW YORK                 AQCR:161
E11...STATE:33 NEW YORK                 AQCR:162
F11...STATE:33 NEW YORK                 AQCR:162
G11...STATE:33 NEW YORK                 AQCR:162
H11...STATE:33 NEW YORK                 AQCR:162
I11...STATE:33 NEW YORK                 AQCR:163
J11...STATE:33 NEW YORK                 AQCR:163
K11...STATE:33 NEW YORK                 AQCR:163
L11...STATE:33 NEW YORK                 AQCR:163
M11...STATE:33 NEW YORK                 AQCR:164
N11...STATE:33 NEW YORK                 AQCR:164
O11...STATE:33 NEW YORK                 AQCR:164
A12...STATE:33 NEW YORK                 AQCR:164
B12...STATE 34:NORTH CAROLINA
C12...STATE 34:NORTH CAROLINA
D12...STATE 34:NORTH CAROLINA
E12...STATE 34:NORTH CAROLINA
F12...STATE 34:NORTH CAROLINA
G12...STATE:34 NORTH CAROLINA    AQCR:136
H12...STATE:34 NORTH CAROLINA    AQCR:136
I12...STATE:34 NORTH CAROLINA    AQCR:136
J12...STATE:34 NORTH CAROLINA    AQCR:136
K12...STATE:34 NORTH CAROLINA    AQCR:136
L12...STATE:34 NORTH CAROLINA    AQCR:165
M12...STATE:34 NORTH CAROLINA    AQCR:165
N12...STATE:34 NORTH CAROLINA    AQCR:165
O12...STATE:34 NORTH CAROLINA    AQCR:165

A13...STATE:34 NORTH CAROLINA    AQCR:166
B13...STATE:34 NORTH CAROLINA    AQCR:166
C13...STATE:34 NORTH CAROLINA    AQCR:166
D13...STATE:34 NORTH CAROLINA    AQCR:166
E13...STATE:34 NORTH CAROLINA    AQCR:167
F13...STATE:34 NORTH CAROLINA    AQCR:167
G13...STATE:34 NORTH CAROLINA    AQCR:167
H13...STATE:34 NORTH CAROLINA    AQCR:167
I13...STATE:34 NORTH CAROLINA    AQCR:168
J13...STATE:34 NORTH CAROLINA    AQCR:168
K13...STATE:34 NORTH CAROLINA    AQCR:168
L13...STATE:34 NORTH CAROLINA    AQCR:168
M13...STATE:34 NORTH CAROLINA    AQCR:169
N13...STATE:34 NORTH CAROLINA    AQCR:169
O13...STATE:34 NORTH CAROLINA    AQCR:169
A14...STATE:34 NORTH CAROLINA    AQCR:169
B14...STATE:34 NORTH CAROLINA    AQCR:170
C14...STATE:34 NORTH CAROLINA    AQCR:170
D14...STATE:34 NORTH CAROLINA    AQCR:170
E14...STATE:34 NORTH CAROLINA    AQCR:170
F14...STATE:34 NORTH CAROLINA    AQCR:171
G14...STATE:34 NORTH CAROLINA    AQCR:171
H14...STATE:34 NORTH CAROLINA    AQCR:171
I14...STATE:34 NORTH CAROLINA    AQCR:171
J14...STATE 35:NORTH DAKOTA
K14...STATE 35:NORTH DAKOTA
L14...STATE 35:NORTH DAKOTA
M14...STATE 35:NORTH DAKOTA
N14...STATE:35 NORTH DAKOTA      AQCR:130
O14...STATE:35 NORTH DAKOTA      AQCR:130
A15...STATE:35 NORTH DAKOTA      AQCR:130
B15...STATE:35 NORTH DAKOTA      AQCR:130
C15...STATE:35 NORTH DAKOTA      AQCR:172
D15...STATE:35 NORTH DAKOTA      AQCR:172
E15...STATE:35 NORTH DAKOTA      AQCR:172
F15...STATE:35 NORTH DAKOTA      AQCR:172
G15...STATE 36:OHIO
H15...STATE 36:OHIO
I15...STATE 36:OHIO
J15...STATE 36:OHIO
K15...STATE 36:OHIO
L15...STATE:36 OHIO              AQCR:079
M15...STATE:36 OHIO              AQCR:079
N15...STATE:36 OHIO              AQCR:079
O15...STATE:36 OHIO              AQCR:079

A16...STATE:36 OHIO                     AQCR:079
B16...STATE:36 OHIO                     AQCR:103
C16...STATE:36 OHIO                     AQCR:103
D16...STATE:36 OHIO                     AQCR:103
E16...STATE:36 OHIO                     AQCR:103
F16...STATE:36 OHIO                     AQCR:124
G16...STATE:36 OHIO                     AQCR:124
H16...STATE:36 OHIO                     AQCR:124
I16...STATE:36 OHIO                     AQCR:124
J16...STATE:36 OHIO                     AQCR:173
K16...STATE:36 OHJO                     AQCR:173
L16...STATE:36 OHIO                     AQCR:173
M16...STATE:36 OHIO                     AQCR:173
N16...STATE:36 OHIO                     AQCR:174
O16...STATE:36 OHIO                     AQCR:174
A17...STATE:36 OHIO                     AQCR:174
B17...STATE:36 OHIO                     AQCR:174
C17...STATE:36 OHIO                     AQCR:174
D17...STATE:36 OHIO                     AQCR:175
E17...STATE:36 OHIO                     AQCR:175
F17...STATE:36 OHIO                     AQCR:175
G17...STATE:36 OHIO                     AQCR:175
H17...STATE:36 OHIO                     AQCR:176
I17...STATE:36 OHIO                     AQCR:176
J17...STATE:36 OHIO                     AQCR:176
K17...STATE:36 OHIO                     AQCR:176
L17...STATE:36 OHIO                     AQCR:177
M17...STATE:36 OHIO                     AQCR:177
N17...STATE:36 OHIO                     AQCR:177
O17...STATE:36 OHIO                     AQCR:177
A18...STATE:36 OHIO                     AQCR:178
B18...STATE:36 OHIO                     AQCR:178
C18...STATE:36 OHIO                     AQCR:178
D18...STATE:36 OHIO                     AQCR:178
E18...STATE:36 OHIO                     AQCR:179
F18...STATE:36 OHIO                     AQCR:179
G18...STATE:36 OHIO                     AQCR:179
H18...STATE:36 OHIO                     AQCR:179
I18...STATE:36 OHIO                     AQCR:180
J18...STATE:36 OHIO                     AQCR:180
K18...STATE:36 OHIO                     AQCR:180
L18...STATE:36 OHIO                     AQCR:180
M18...STATE:36 OHIO                     AQCR:181
```

0006 PB84-121375 1981 NAT'L EMISSIONS REPORT NAT'L EMISSIONS DATA SYSTEM
EPA-450/4-83-022 JANUARY 1984 STATE:36 OHIO AQCR:182

```
                                                                                                   *** A01 ***
*** A01 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES              3033          347          2318          6618          18718
                POINT SOURCES            30959       457163         83968          1171           3784

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              3033          347          2318          6618          18718
                POINT SOURCES            30959       457163         83968          1171           3784

INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                         8227         7520             7             0          69722
    SECONDARY METALS                       782           35             4             0           6904
    MINERAL PRODUCTS                      1358          303           130            72              3
    ORGANIC SOLVENT EVAPORATION             12            0             0            14              0
    TOTAL (INDUSTRIAL)                   10379         7858           141            86          76629

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               228            3             7           642           1927
        OPEN BURNING                       332           12            86           448           1422
        TOTAL (RESIDENTIAL)                560           15            93          1090           3349

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                56           18            27            33             77
        OPEN BURNING
                AREA SOURCES                 3            0             0             6             12
        TOTAL (COMM-INST)
                AREA SOURCES                59           18            27            39             89

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                13            3             3            12             18
        OPEN BURNING
                AREA SOURCES                10            0             3            18             65
        TOTAL (INDUSTRIAL)
                AREA SOURCES                23            3             6            30             83

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               642           36           126          1159           3521

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           5124          254          5560          5857          56914
            LIGHT DUTY TRUCKS             1427           97          2025          2087          17668
            HEAVY DUTY VEHICLES            252           26           849           838          13395
            OFF HIGHWAY                     16            9           185           489           6201
            TOTAL (GASOLINE)              6819          386          8619          9271          94178

        DIESEL

            HEAVY DUTY VEHICLES            878          434          3914           468           1423
            OFF HIGHWAY                    121           95          1134           173            344
            RAIL                           102          231          1505           365            529
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
***************************                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983
STATE:37 OKLAHOMA       AQCR:017 METROPOLITAN FORT SMITH

                              PARTICULATES         SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                3              12              1              2             15
         DISTILLATE OIL                 0               2              0              0              0
         NATURAL GAS                    3               0            120              7             24
         WOOD                        5096              54            402          10581          31447
         TOTAL (RESIDENTIAL)         5102              68            523          10590          31486

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                8              67             14              0              2
         RESIDUAL OIL
            AREA SOURCES                0               1              0              0              0
         DISTILLATE OIL
            AREA SOURCES                4              36             40              1             10
         NATURAL GAS
            AREA SOURCES                3               0           1470            560            197
            POINT SOURCES               2               0             58              0              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES               15             104           1524            561            209
            POINT SOURCES               2               0             58              0              4

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES                0               3              3              0              0
         NATURAL GAS
            AREA SOURCES                0               0             20              0              3
         TOTAL (COMM-INST)
            AREA SOURCES                0               3             23              0              3

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             5117             175           2070          11151          31698
            POINT SOURCES               2               0             58              0              4

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             5117             175           2070          11151          31698
            POINT SOURCES               2               0             58              0              4

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            1905               0              0           1754           1524
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SELECT CARD = <37     186                                                                      45>
STATE 37 COUNTY 0800 NOT FOUND IN POINT FILE
STATE 37 COUNTY 2120 NOT FOUND IN POINT FILE
STATE 37 COUNTY 3080 NOT FOUND IN POINT FILE
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        MILITARY                          281          18         144         331         683
        CIVIL                               5           1          21          65        1311
        COMMERCIAL                          3           6          63          56         173
        TOTAL (AIRCRAFT)                  289          25         228         452        2167

    VESSELS

        GASOLINE                            0           0           8         196         700
        TOTAL (VESSELS)                     0           0           8         196         700

    TOTAL (TRANSPORTATION)               9878        1465       19913       14537      151549

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     1816          16         428        2049       14951
    STRUCTURAL FIRES                       83           0           6          61         331
    GASOLINE STA EVAP LOSS                  0           0           0        1472           0
    SOLVENT EVAPORATION LOSS                0           0           0        3088           0
    UNPAVED ROADS                      151294           0           0           0           0
    UNPAVED AIRSTRIPS                      38           0           0           0           0
    TOTAL (MISCELLANEOUS)              153231          16         434        6670       15282

GRAND TOTAL
***********

    AREA SOURCES                       163958        1802       25621       24205      171490

    POINT SOURCES                       10321       12428       17336       18717       37130

    TOTAL                              174279       14230       42957       42922      208620
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*** A05 ***                                                                                         *** A05 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
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                                           ENVIRONMENTAL PROTECTION AGENCY
                                         **********************************

                                                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
*****************************                               POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983
STATE:38 OREGON        AQCR:192 NORTHWEST OREGON

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************   ************    ************    ************    ************
                              TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            1              2               0               1               5
            DISTILLATE OIL             5            118              29               1               7
            NATURAL GAS                0              0              31               2               6
            WOOD                    1001             11              79            2079            6180
            TOTAL (RESIDENTIAL)     1007            131             139            2083            6198

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          10             71              30               0               5
            RESIDUAL OIL
                POINT SOURCES        219           2594            1016               9              53
            DISTILLATE OIL
                AREA SOURCES           5            126              57               2              14
            NATURAL GAS
                AREA SOURCES           0              0             112              44              15
                POINT SOURCES         13              0             283               3              22
            WOOD
                AREA SOURCES           1              0               1               1               2
                POINT SOURCES        448              0            2471             492             492
            TOTAL (INDUSTRIAL)
                AREA SOURCES          16            197             200              47              36
                POINT SOURCES        680           2594            3770             504             567

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES          11            122              36               0               3
            DISTILLATE OIL
                AREA SOURCES           0             38              11               0               3
                POINT SOURCES          0              0               4               0               0
            NATURAL GAS
                AREA SOURCES           0              0              20               1               4
            TOTAL (COMM-INST)
                AREA SOURCES          11            160              67               1              10
                POINT SOURCES          0              0               4               0               0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES        1034            488             406            2131            6244
                POINT SOURCES        680           2594            3774             504             567

    TOTAL (FUEL COMBUSTION)
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*** A06 ***
    OTHER/NOT CLASSIFIED                  212          13251             41           4902              4
    TOTAL (INDUSTRIAL)                 136689         127521          39203         172200         322058

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            755            798            958            480          11176
        OTHER INCINERATION                426            124            616             77              0
        TOTAL (GOVERNMENT)               1181            922           1574            557          11176

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              584              7             17           1648           4941
        OPEN BURNING                    14960            557           3831          20179          64006
        TOTAL (RESIDENTIAL)             15544            564           3848          21827          68947

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              246             78            115            142            340
                POINT SOURCES              69             12             23             13             43
        OPEN BURNING
                POINT SOURCES              17              0              4             24            140
        TOTAL (COMM-INST)
                AREA SOURCES              246             78            115            142            340
                POINT SOURCES              86             12             27             37            183

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              167             32             32            152            233
                POINT SOURCES             296            101            183            109            672
        OPEN BURNING
                POINT SOURCES               6              0              2             11             31
        TOTAL (INDUSTRIAL)
                AREA SOURCES              167             32             32            152            233
                POINT SOURCES             302            101            185            120            703

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            15957            674           3995          22121          69520
                POINT SOURCES            1569           1035           1786            714          12062

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        178427           7042         150321         181911        1855106
            LIGHT DUTY TRUCKS           37803           2245          45981          51135         447666
            HEAVY DUTY VEHICLES         10579            907          28615          33857         534494
            OFF HIGHWAY                   669            360           7459          19837         250756
            TOTAL (GASOLINE)           227478          10554         232376         286740        3088022

        DIESEL

            HEAVY DUTY VEHICLES         28345          12716         115456          15265          46833
            OFF HIGHWAY                  2785           2177          26240           3996           7929
            RAIL                         1558           3543          22981           5577           8075
            TOTAL (DIESEL)              32688          18436         164677          24838          62837

    AIRCRAFT
```

```
*** A07 ***                                                                                              *** A07 ***
      ON SITE INCINERATION                43              0              1            121           361
      OPEN BURNING                      2173             81            558           2931          9296
      TOTAL (RESIDENTIAL)               2216             81            559           3052          9657

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                  19              6              9             10            26
            POINT SOURCES                  1              0              1              1             2
      TOTAL (COMM-INST)
            AREA SOURCES                  19              6              9             10            26
            POINT SOURCES                  1              0              1              1             2

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                  10              2              2              9            14
            POINT SOURCES                 15              0              2             24           281
      OPEN BURNING
            POINT SOURCES                  6              0              2             11            31
      TOTAL (INDUSTRIAL)
            AREA SOURCES                  10              2              2              9            14
            POINT SOURCES                 21              0              4             35           312

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                2245             89            570           3071          9697
            POINT SOURCES                256             47            239             36           314

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           12993            642          13288          13488        132314
         LIGHT DUTY TRUCKS              4315            305           6261           6083         50994
         HEAVY DUTY VEHICLES             831             88           2850           2776         44384
         OFF HIGHWAY                      71             39            799           2126         26868
         TOTAL (GASOLINE)              18210           1074          23198          24473        254560

      DIESEL

         HEAVY DUTY VEHICLES            2743           1403          12590           1453          4401
         OFF HIGHWAY                     281            218           2650            404           799
         RAIL                            133            301           1955            476           687
         TOTAL (DIESEL)                 3157           1922          17195           2333          5887

   AIRCRAFT

      MILITARY                             5              0              3              6            12
      CIVIL                                5              2             26             82          1597
      COMMERCIAL                           2              4             46             41           127
      TOTAL (AIRCRAFT)                    12              6             75            129          1736

   VESSELS

      DIESEL FUEL                         45             56            421            105           147
      RESIDUAL OIL                       132           1735            285             17            10
      GASOLINE                             0              7             42            916          3263
      TOTAL (VESSELS)                    177           1798            748           1038          3420

   TOTAL (TRANSPORTATION)              21556           4800          41216          27973        265603

MISCELLANEOUS (AREA)
```

OPEN BURNING	3322	124	849	4482	14214
TOTAL (RESIDENTIAL)	3494	126	855	4971	15680
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	74	24	35	43	102
TOTAL (COMM-INST)					
AREA SOURCES	74	24	35	43	102
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	46	10	10	41	61
TOTAL (INDUSTRIAL)					
AREA SOURCES	46	10	10	41	61
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	3614	160	900	5055	15843
POINT SOURCES	134	51	255	51	0
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	42227	1594	32159	37483	394656
LIGHT DUTY TRUCKS	9710	544	10928	12117	108604
HEAVY DUTY VEHICLES	2530	207	6462	8028	126377
OFF HIGHWAY	171	91	1893	5035	63643
TOTAL (GASOLINE)	54638	2436	51442	62663	693280
DIESEL					
HEAVY DUTY VEHICLES	5436	2393	21766	2933	9017
OFF HIGHWAY	581	456	5492	835	1660
RAIL	365	831	5397	1310	1897
TOTAL (DIESEL)	6382	3680	32655	5078	12574
AIRCRAFT					
MILITARY	34	2	18	40	83
CIVIL	13	6	53	164	3314
COMMERCIAL	69	160	1657	1469	4563
TOTAL (AIRCRAFT)	116	168	1728	1673	7960
VESSELS					
DIESEL FUEL	42	53	395	98	138
RESIDUAL OIL	124	1634	269	17	9
GASOLINE	0	10	58	1270	4530
TOTAL (VESSELS)	166	1697	722	1385	4677
TOTAL (TRANSPORTATION)	61302	7981	86547	70799	718491
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	187	0	44	210	1543
STRUCTURAL FIRES	823	0	77	615	3348
GASOLINE STA EVAP LOSS	0	0	0	10486	0
SOLVENT EVAPORATION LOSS	0	0	0	37926	0
UNPAVED ROADS	183674	0	0	0	0
UNPAVED AIRSTRIPS	28	0	0	0	0

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*** A09 ***                                                                                                    *** A09 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             *******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

                                                                                     RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
***************************                                                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
STATE:41 RHODE ISLAND    AQCR:120 METROPOLITAN PROVIDENCE

                                  PARTICULATES        SOX            NOX            VOC            CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                4              12              1              4             43
            DISTILLATE OIL               137            1585            991             39            275
            NATURAL GAS                   22               4            750             39            150
            WOOD                        2678              27            212           5559          16520
            TOTAL (RESIDENTIAL)         2841            1628           1954           5641          16988

        ELEC GENERATION (POINT)

            RESIDUAL OIL                1983            1256           2184             20             94
            NATURAL GAS                    4               1            423              2             16
            TOTAL (ELEC GEN)            1987            1257           2607             22            110

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               4              39             19              0              2
            RESIDUAL OIL
                AREA SOURCES              35             173            100              0              9
                POINT SOURCES            176            2179            838             12             65
            DISTILLATE OIL
                AREA SOURCES              16             165            184              5             43
                POINT SOURCES              1              38              7              0              1
            NATURAL GAS
                AREA SOURCES               7               1            503             26             49
                POINT SOURCES              0               0             25              1              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES              62             378            806             31            103
                POINT SOURCES            177            2217            870             13             70

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              20              69             26              0              1
            RESIDUAL OIL
                POINT SOURCES            143            1710            744             24             51
            DISTILLATE OIL
                AREA SOURCES              17             241            167              1             42
                POINT SOURCES              0               5              2              0              1
            NATURAL GAS
                AREA SOURCES               9               1            307             15             61
                POINT SOURCES              1               0             95              0              7
            TOTAL (COMM-INST)
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1682	98	2051	1979	17660
LIGHT DUTY TRUCKS	471	38	764	726	5598
HEAVY DUTY VEHICLES	71	8	286	241	3894
OFF HIGHWAY	5	3	62	164	2080
TOTAL (GASOLINE)	2229	147	3163	3110	29232
DIESEL					
HEAVY DUTY VEHICLES	257	150	1330	134	400
OFF HIGHWAY	26	19	234	36	71
RAIL	8	20	126	31	44
TOTAL (DIESEL)	291	189	1690	201	515
AIRCRAFT					
MILITARY	205	13	105	241	499
CIVIL	1	0	5	13	260
TOTAL (AIRCRAFT)	206	13	110	254	759
VESSELS					
DIESEL FUEL	3	4	29	7	10
GASOLINE	0	17	98	2139	7626
TOTAL (VESSELS)	3	21	127	2146	7636
TOTAL (TRANSPORTATION)	2729	370	5090	5711	38142
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1036	9	244	1169	8532
FOREST MANAGED BURNING	2793	22	559	1997	15641
STRUCTURAL FIRES	31	0	2	23	125
GASOLINE STA EVAP LOSS	0	0	0	574	0
SOLVENT EVAPORATION LOSS	0	0	0	2537	0
UNPAVED ROADS	8136	0	0	0	0
TOTAL (MISCELLANEOUS)	11996	31	805	6300	24298
GRAND TOTAL ***********					
AREA SOURCES	15919	488	6481	14385	69401
POINT SOURCES	731	34028	19799	4100	2522
TOTAL	16650	34516	26280	18485	71923

```
          TOTAL (COMM-INST)
               AREA SOURCES                54          213          274           11           63
               POINT SOURCES              297            5           28           70          165

      TOTAL (EXTERNAL COMB)
               AREA SOURCES              1177          359         2232         2654         7069
               POINT SOURCES              667        72946        49999          360         1558

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    1           11           19            1            5
          NATURAL GAS                       5            0          144            4           40
          TOTAL (ELEC GEN)                  6           11          163            5           45

      TOTAL (INTERNAL COMB)                 6           11          163            5           45

  TOTAL (FUEL COMBUSTION)

               AREA SOURCES              1177          359         2232         2654         7069
               POINT SOURCES              673        72957        50162          365         1603

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                  104            0            0          520            0
  SECONDARY METALS                         69            0           38            0           39
  MINERAL PRODUCTS                       2219           50          143           58           51
  WOOD PRODUCTS                          1579         1492          684            0        12592
  ORGANIC SOLVENT EVAPORATION               0            0            0       116489            0
  PETROLEUM STORAGE/TRANSPORT               0            0            0          267            0
  METAL FABRICATION                         0            0            0          154            0
  OTHER/NOT CLASSIFIED                     78            0            0            0            0
  TOTAL (INDUSTRIAL)                     4049         1542          865       117488        12682

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                240            3            8          675         2026
      OPEN BURNING                       1228           45          314         1656         5253
      TOTAL (RESIDENTIAL)                1468           48          322         2331         7279

  COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
               AREA SOURCES                15            1            5           28           77
      TOTAL (COMM-INST)
               AREA SOURCES                15            1            5           28           77

  INDUSTRIAL

      ON SITE INCINERATION
               POINT SOURCES              277            4           40          435         5137
      OPEN BURNING
               AREA SOURCES                12            0            5           21           75
      TOTAL (INDUSTRIAL)
               AREA SOURCES                12            0            5           21           75
               POINT SOURCES              277            4           40          435         5137

  TOTAL (SOLID WASTE DISP)
               AREA SOURCES              1495           49          332         2380         7431
               POINT SOURCES              277            4           40          435         5137
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                               RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                                  AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:204 GEORGETOWN                                  POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                               PARTICULATES          SOX              NOX              VOC               CO
                               ************     ************     ************     ************     ************
                                TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                6               18                1                5               34
            DISTILLATE OIL                 7               72               45                1               12
            NATURAL GAS                    1                0               38                2                8
            WOOD                        1269               13              100             2636             7833
            TOTAL (RESIDENTIAL)         1283              103              184             2644             7887

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             1795            36670            26481              101              860
            DISTILLATE OIL                 0               14               12                0                3
            TOTAL (ELEC GEN)            1795            36684            26493              101              863

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES            420            11651             1912               10              174
            DISTILLATE OIL
                POINT SOURCES              0                7                2                0                0
            NATURAL GAS
                AREA SOURCES               2                0              364               87               42
                POINT SOURCES              0                0               62                0                9
            WOOD
                POINT SOURCES            178               17              202              229              538
            LIQUID PETROL GAS
                POINT SOURCES              0                0                2                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES               2                0              364               87               42
                POINT SOURCES            598            11675             2180              239              721

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES               4               15                6                0                0
            BITUMINOUS COAL
                AREA SOURCES               9               33                7                0                4
            RESIDUAL OIL
                POINT SOURCES              6               81               16                0                1
            DISTILLATE OIL
                AREA SOURCES               1               28               20                0                6
                POINT SOURCES              0                4                3                0                1
            NATURAL GAS
                AREA SOURCES               1                0               53                3               10
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                                         NATIONAL EMISSIONS DATA SYSTEM
                                       **********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       ***********************************

                                                                           RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
*****************************                                   POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
STATE:43 SOUTH DAKOTA    AQCR:205 BLACKHILLS-RAPID CITY

                              PARTICULATES          SOX              NOX              VOC              CO
                              ************     *************    *************    *************    ************
                               TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                3                9                0                2               16
            DISTILLATE OIL                 0               13                8                0                2
            NATURAL GAS                    5                1              157                8               31
            WOOD                         276                3               21              573             1701
            TOTAL (RESIDENTIAL)          284               26              186              583             1750

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              725              757              554                3              198
            LIGNITE                     1937              927              386                5              386
            DISTILLATE OIL                 0               17               10                0                2
            TOTAL (ELEC GEN)            2662             1701              950                8              586

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              52              280              124                0               15
            RESIDUAL OIL
                AREA SOURCES               0                6                1                0                0
            DISTILLATE OIL
                AREA SOURCES               1                7                9                0                2
            WOOD
                POINT SOURCES             14                0                3                3                8
            TOTAL (INDUSTRIAL)
                AREA SOURCES              53              293              134                0               17
                POINT SOURCES             14                0                3                3                8

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              12               48               13                0                6
            LIGNITE
                POINT SOURCES            200              347               75                1               75
            RESIDUAL OIL
                AREA SOURCES               0                4                1                0                0
            DISTILLATE OIL
                AREA SOURCES               0               10                7                0                1
            NATURAL GAS
                AREA SOURCES               2                0               83                4               16
            TOTAL (COMM-INST)
                AREA SOURCES              14               62              104                4               23
                POINT SOURCES            200              347               75                1               75
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4010	263	5877	5759	49914
LIGHT DUTY TRUCKS	1640	148	3096	2924	21985
HEAVY DUTY VEHICLES	289	34	1229	1008	16363
OFF HIGHWAY	16	8	193	517	6517
TOTAL (GASOLINE)	5955	453	10395	10208	94779
DIESEL					
HEAVY DUTY VEHICLES	738	414	3693	385	1154
OFF HIGHWAY	97	73	899	139	273
RAIL	115	257	1666	407	584
TOTAL (DIESEL)	950	744	6258	931	2011
AIRCRAFT					
CIVIL	1	1	10	37	720
TOTAL (AIRCRAFT)	1	1	10	37	720
VESSELS					
DIESEL FUEL	10	13	95	24	33
GASOLINE	0	3	21	497	1781
TOTAL (VESSELS)	10	16	116	521	1814
TOTAL (TRANSPORTATION)	6916	1214	16779	11697	99324
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1621	13	381	1830	13351
FOREST MANAGED BURNING	1166	7	234	834	6529
STRUCTURAL FIRES	77	0	6	58	312
GASOLINE STA EVAP LOSS	0	0	0	1557	0
SOLVENT EVAPORATION LOSS	0	0	0	4729	0
UNPAVED ROADS	44704	0	0	0	0
TOTAL (MISCELLANEOUS)	47568	20	621	9008	20192
GRAND TOTAL ************					
AREA SOURCES	59266	2309	18868	30100	147449
POINT SOURCES	8728	2467	2089	6351	8531
TOTAL	67994	4776	20957	36451	155980

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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
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STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:44 TENNESSEE      AQCR:208 MIDDLE TENNESSEE                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX             VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             59            182             11             38            339
            DISTILLATE OIL               2             44             28              0              6
            NATURAL GAS                 18              2            628             30            123
            WOOD                     14238            151           1127          29561          87859
            TOTAL (RESIDENTIAL)      14317            379           1794          29629          88327

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          23576         583590          97934           1662           5534
            DISTILLATE OIL               3            207             67             32            173
            TOTAL (ELEC GEN)         23579         583797          98001           1694           5707

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           414           2323            769              1             97
                POINT SOURCES          402           8763           1452             60             67
            RESIDUAL OIL
                POINT SOURCES           96            933             75              4             25
            DISTILLATE OIL
                POINT SOURCES           26            685            237              7             60
            NATURAL GAS
                AREA SOURCES            13              1           3362           1123            438
                POINT SOURCES           89             30           1270            153            135
            PROCESS GAS
                POINT SOURCES           62            851           2059             42            515
            WOOD
                POINT SOURCES          262           1091           1732            822            882
            LIQUID PETROL GAS
                POINT SOURCES            0              1              5              0              0
            OTHER
                POINT SOURCES            5             20             27              3              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES           427           2324           4131           1124            535
                POINT SOURCES          942          12374           6857           1091           1688

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            39            144             49              0              2
            BITUMINOUS COAL
                POINT SOURCES           27            114             31              2             10
```

AREA SOURCES	6	0	304	15	58
TOTAL (COMM-INST)					
AREA SOURCES	6	0	304	15	58
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3725	13526	55641	24880	21155
POINT SOURCES	13616	134424	113798	1340	9242
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	1	13	1	8
NATURAL GAS	3	0	1052	436	133
TOTAL (ELEC GEN)	4	1	1065	437	141
INDUSTRIAL FUEL					
DISTILLATE OIL	0	0	2	0	1
NATURAL GAS	80	5	23327	1034	3639
GASOLINE	0	0	1	1	11
TOTAL (INDUSTRIAL)	80	5	23330	1035	3651
TOTAL (INTERNAL COMB)	84	6	24395	1472	3792
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3725	13526	55641	24880	21155
POINT SOURCES	13700	134430	138193	2812	13034
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	3011	51445	274	9577	1951
FOOD/AGRICULTURAL	447	0	3	7	0
PRIMARY METAL	1758	2365	2047	827	9375
SECONDARY METALS	418	109	24	150	609
MINERAL PRODUCTS	1921	10451	4544	218	724
PETROLEUM INDUSTRY	224	825	1793	4430	217
WOOD PRODUCTS	293	178	51	0	1
ORGANIC SOLVENT EVAPORATION	3	0	0	2722	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	16678	0
METAL FABRICATION	0	0	0	24	0
OTHER/NOT CLASSIFIED	42	1167	23	7278	0
TOTAL (INDUSTRIAL)	8117	66540	8759	41911	12877
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OPEN BURNING	1	0	1	3	8
TOTAL (GOVERNMENT)	1	0	1	3	8
RESIDENTIAL (AREA)					
ON SITE INCINERATION	183	0	3	515	1543
OPEN BURNING	584	23	149	791	2502
TOTAL (RESIDENTIAL)	767	23	152	1306	4045
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	43	9	20	26	57
TOTAL (COMM-INST)					
AREA SOURCES	43	9	20	26	57

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SELECT CARD = <45     211                                                                              45>
STATE 45 COUNTY 1470 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1510 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2410 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3250 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3760 NOT FOUND IN POINT FILE
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      TOTAL (EXTERNAL COMB)
            AREA SOURCES              1203          6165         37528         14877          7682
            POINT SOURCES             7674         16225         63427           227          3262

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  1             0            11             2             2
         NATURAL GAS                     6             0           174            17            49
         TOTAL (ELEC GEN)                7             0           185            19            51

      INDUSTRIAL FUEL

         NATURAL GAS                  1717            21        184022          2395         18131
         GASOLINE                        1             1            10            93           258
         OTHER                           3             3             4            12             8
         TOTAL (INDUSTRIAL)           1721            25        184036          2500         18397

      TOTAL (INTERNAL COMB)           1728            25        184221          2519         18448

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              1203          6165         37528         14877          7682
            POINT SOURCES             9402         16250        247648          2746         21710

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              761         10219          1703         52407        143677
   FOOD/AGRICULTURAL                  1592             0             0             0             0
   PRIMARY METAL                     12249          4742           658            16         71280
   SECONDARY METALS                    160             0             0             0             0
   MINERAL PRODUCTS                   1232            31           662             0           662
   PETROLEUM INDUSTRY                 1357          3409         11744         12783          1115
   ORGANIC SOLVENT EVAPORATION           0             0             0          1059             0
   PETROLEUM STORAGE/TRANSPORT           0             0             0         10966             0
   OTHER/NOT CLASSIFIED                217           414           161         19477             2
   TOTAL (INDUSTRIAL)                17568         18815         14928         96706        216736

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION            38             3             4             2            44
      TOTAL (GOVERNMENT)                38             3             4             2            44

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             153             1             2           435          1311
      OPEN BURNING                     503            18           127           678          2153
      TOTAL (RESIDENTIAL)              656            19           129          1113          3464

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                36             9            18            22            53
      OPEN BURNING
            AREA SOURCES                 1             0             0             2             4
      TOTAL (COMM-INST)
            AREA SOURCES                37             9            18            24            57

   INDUSTRIAL

      ON SITE INCINERATION
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```
            TOTAL (DIESEL)                    1101          760         6553         1006         2296

    AIRCRAFT

        CIVIL                                    2            1           11           33          649
        TOTAL (AIRCRAFT)                         2            1           11           33          649

    VESSELS

        DIESEL FUEL                              7            9           63           15           22
        GASOLINE                                 0            2           14          308         1098
        TOTAL (VESSELS)                          7           11           77          323         1120

    TOTAL (TRANSPORTATION)                    7929         1158        15260        10633        98243

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          1114           10          261         1258         9173
    STRUCTURAL FIRES                            87            0            8           64          350
    GASOLINE STA EVAP LOSS                       0            0            0         1179            0
    SOLVENT EVAPORATION LOSS                     0            0            0         3462            0
    UNPAVED ROADS                            41665            0            0            0            0
    UNPAVED AIRSTRIPS                            8            0            0            0            0
    TOTAL (MISCELLANEOUS)                    42874           10          269         5963         9523

GRAND TOTAL
***********

    AREA SOURCES                             54478         1551        17973        24373       130005

    POINT SOURCES                            41338       465021        84109         1257        80413

    TOTAL                                    95816       466572       102082        25630       210418
```

PRIMARY METAL	400	30	120	0	0
MINERAL PRODUCTS	4132	0	0	0	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1	0
TOTAL (INDUSTRIAL)	6437	30	120	1755	1524
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	27	0	0	75	226
OPEN BURNING	310	12	80	419	1325
TOTAL (RESIDENTIAL)	337	12	80	494	1551
TOTAL (SOLID WASTE DISP) AREA SOURCES	337	12	80	494	1551
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2016	128	2946	2811	24293
LIGHT DUTY TRUCKS	387	33	670	649	4909
HEAVY DUTY VEHICLES	380	46	1539	1298	20997
OFF HIGHWAY	7	5	84	222	2811
TOTAL (GASOLINE)	2790	212	5239	4980	53010
DIESEL					
HEAVY DUTY VEHICLES	454	249	2203	233	702
OFF HIGHWAY	67	53	638	97	192
RAIL	35	79	514	125	180
TOTAL (DIESEL)	556	381	3355	455	1074
AIRCRAFT					
CIVIL	0	0	3	9	192
TOTAL (AIRCRAFT)	0	0	3	9	192
VESSELS					
GASOLINE	0	4	24	539	1919
TOTAL (VESSELS)	0	4	24	539	1919
TOTAL (TRANSPORTATION)	3346	597	8621	5983	56195
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	924	8	217	1044	7612
FOREST MANAGED BURNING	226	1	45	162	1268
STRUCTURAL FIRES	27	0	3	20	110
GASOLINE STA EVAP LOSS	0	0	0	357	0
SOLVENT EVAPORATION LOSS	0	0	0	1047	0
UNPAVED ROADS	44744	0	0	0	0
TOTAL (MISCELLANEOUS)	45921	9	265	2630	8990
GRAND TOTAL					
***********					
AREA SOURCES	54721	793	11036	20258	98434
POINT SOURCES	6439	30	178	1755	1528

```
*** B03 ***                                                                                                              *** B03 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:37 OKLAHOMA         AQCR:186 NORTHEASTERN OKLAHOMA                          POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                    PARTICULATES          SOX               NOX               VOC               CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   19                89                 2                13               113
            DISTILLATE OIL                     1                20                 9                 0                 1
            NATURAL GAS                       39                 5              1270                68               254
            WOOD                            4745                51               378              9855             29288
            TOTAL (RESIDENTIAL)             4804               165              1659              9936             29656

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 5289             38207             56702                17               245
            NATURAL GAS                      125                29             27251                35               816
            TOTAL (ELEC GEN)                5414             38236             83953                52              1061

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 215              1807               392                 1                47
                POINT SOURCES                 59              1631              1489                37               123
            RESIDUAL OIL
                AREA SOURCES                  11               152                35                 0                 3
                POINT SOURCES                 29               322                85                 0                 3
            DISTILLATE OIL
                AREA SOURCES                  73               765               863                29               204
            NATURAL GAS
                AREA SOURCES                  95                19             48931             18664              6547
                POINT SOURCES                 80                87              2434                68                98
            PROCESS GAS
                POINT SOURCES               1302              2686              1171              1206                26
            OTHER
                POINT SOURCES                  0                 0                 1                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 394              2743             50221             18694              6801
                POINT SOURCES               1470              4726              5180              1311               250

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                   3                20                 3                 0                 2
            DISTILLATE OIL
                AREA SOURCES                   6               115                80                 1                17
            NATURAL GAS
                AREA SOURCES                  12                 2               447                22                90
                POINT SOURCES                  6                 3               474                25                95
            OTHER
```

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SELECT CARD = <38                                                                   25>
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                  AREA SOURCES              1034              488               406              2131              6244
                  POINT SOURCES              680             2594              3774               504               567

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     0                3                33                 0                27
    FOOD/AGRICULTURAL                         66                0                 0                 0                 0
    MINERAL PRODUCTS                          89                1                 3                 0                 0
    WOOD PRODUCTS                           1626              378              1047                 4                16
    OTHER/NOT CLASSIFIED                       2                0                44                 0                 3
    TOTAL (INDUSTRIAL)                      1783              382              1127                 4                46

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                         138                6                48               259               742
        TOTAL (GOVERNMENT)                   138                6                48               259               742

    RESIDENTIAL (AREA)

        OPEN BURNING                          46                2                12                62               198
        TOTAL (RESIDENTIAL)                   46                2                12                62               198

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                   1                0                 0                 2                 4
        TOTAL (COMM-INST)
                AREA SOURCES                   1                0                 0                 2                 4

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   2                0                 0                 2                 4
                POINT SOURCES                 46                0                 6                 7               301
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   2                0                 0                 2                 4
                POINT SOURCES                 46                0                 6                 7               301

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  49                2                12                66               206
                POINT SOURCES                184                6                54               266              1043

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             1217               69              1542              1651             14896
            LIGHT DUTY TRUCKS                667               51              1077              1085              8646
            HEAVY DUTY VEHICLES               45                5               169               151              2430
            OFF HIGHWAY                        5                3                61               163              2053
            TOTAL (GASOLINE)                1934              128              2849              3050             28025

        DIESEL

            HEAVY DUTY VEHICLES              254              138              1233               134               403
            OFF HIGHWAY                       30               23               276                42                83
            RAIL                              58              131               854               206               300
            TOTAL (DIESEL)                   342              292              2363               382               786
```

MILITARY	582	36	300	685	1415
CIVIL	59	29	277	850	17009
COMMERCIAL	161	374	3882	3440	10688
TOTAL (AIRCRAFT)	802	439	4459	4975	29112
VESSELS					
DIESEL FUEL	132	165	1237	308	432
RESIDUAL OIL	388	5104	839	50	29
GASOLINE	0	52	332	7293	25988
TOTAL (VESSELS)	520	5321	2408	7651	26449
TOTAL (TRANSPORTATION)	261488	34750	403920	324204	3206420
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1256	0	297	1417	10347
STRUCTURAL FIRES	3372	0	316	2519	13725
GASOLINE STA EVAP LOSS	0	0	0	42106	0
SOLVENT EVAPORATION LOSS	0	0	0	181809	0
UNPAVED ROADS	838702	0	0	0	0
UNPAVED AIRSTRIPS	92	0	0	0	0
TOTAL (MISCELLANEOUS)	843422	0	613	227851	24072
GRAND TOTAL ***********					
AREA SOURCES	1189480	83746	506193	717429	3716171
POINT SOURCES	183042	1713728	603293	176502	368930
TOTAL	1372522	1797474	1109486	893931	4085101

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**********************

    FOREST WILDFIRES                         297             0            70           332          2427
    STRUCTURAL FIRES                         276             0            24           204          1124
    GASOLINE STA EVAP LOSS                     0             0             0          4433             0
    SOLVENT EVAPORATION LOSS                   0             0             0         17823             0
    UNPAVED ROADS                          95515             0             0             0             0
    UNPAVED AIRSTRIPS                         28             0             0             0             0
    TOTAL (MISCELLANEOUS)                  96116             0            94         22792          3551

GRAND TOTAL
***********

    AREA SOURCES                          134145          7996         53159         84364        366693

    POINT SOURCES                          26937        173529         55327         10846         21377

    TOTAL                                 161082        181525        108486         95210        388070
```

```
*** B08 ***
    TOTAL (MISCELLANEOUS)                  184712          0        121      49237       4891

GRAND TOTAL
***********

    AREA SOURCES                           253729      15084     112862     135506     762925

    POINT SOURCES                           69217     837342     304115      25152     178869

    TOTAL                                  322946     852426     416977     160658     941794
```

```
                AREA SOURCES                46            311            500             16            104
                POINT SOURCES              144           1715            841             24             59

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              2949           2317           3260           5688          17195
                POINT SOURCES             2308           5189           4318             59            239

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              2949           2317           3260           5688          17195
                POINT SOURCES             2308           5189           4318             59            239

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   0              0              0            400              0
    SECONDARY METALS                        83              7              1              0           1070
    MINERAL PRODUCTS                       624            354            446             15             23
    ORGANIC SOLVENT EVAPORATION              0              0              0          10897              0
    PETROLEUM STORAGE/TRANSPORT              0              0              0           3171              0
    TEXTILE MANUFACTURING                    0              0              0             18              0
    OTHER/NOT CLASSIFIED                     0              0              0             44              0
    TOTAL (INDUSTRIAL)                     707            361            447          14545           1093

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               9              2              1              9             12
        TOTAL (GOVERNMENT)                   9              2              1              9             12

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               612              9             20           1721           5164
        OPEN BURNING                       536             20            138            723           2290
        TOTAL (RESIDENTIAL)               1148             29            158           2444           7454

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                21              6             10             13             30
        OPEN BURNING
                AREA SOURCES                 4              0              1              9             21
        TOTAL (COMM-INST)
                AREA SOURCES                25              6             11             22             51

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 5              0              0              5             10
        OPEN BURNING
                AREA SOURCES                24              1              9             40            140
        TOTAL (INDUSTRIAL)
                AREA SOURCES                29              1              9             45            150

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              1202             36            178           2511           7655
                POINT SOURCES                9              2              1              9             12

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE
```

```
*** B10 ***                                                                                  *** B10 ***
SELECT CARD = <42    167                                                      45>
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```
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            7992          314          6496          7815         77554
            LIGHT DUTY TRUCKS              1781           98          1950          2265         19480
            HEAVY DUTY VEHICLES             773           61          1851          2358         37221
            OFF HIGHWAY                      21           12           238           633          8004
            TOTAL (GASOLINE)              10567          485         10535         13071        142259

        DIESEL

            HEAVY DUTY VEHICLES            2201          956          8713          1189          3659
            OFF HIGHWAY                      61           50           588            90           178
            RAIL                             29           68           438           106           154
            TOTAL (DIESEL)                 2291         1074          9739          1385          3991

    AIRCRAFT

        MILITARY                             44            3            23            52           107
        CIVIL                                 4            2            17            53          1049
        COMMERCIAL                            7           16           165           147           455
        TOTAL (AIRCRAFT)                     55           21           205           252          1611

    VESSELS

        GASOLINE                              0            8            45          1011          3604
        TOTAL (VESSELS)                       0            8            45          1011          3604

    TOTAL (TRANSPORTATION)                12913         1588         20524         15719        151465

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        293            2            69           331          2408
    FOREST MANAGED BURNING                 2840           22           568          2030         15907
    STRUCTURAL FIRES                        106            0            10            79           434
    GASOLINE STA EVAP LOSS                    0            0             0          2298             0
    SOLVENT EVAPORATION LOSS                  0            0             0          5796             0
    UNPAVED ROADS                         28020            0             0             0             0
    TOTAL (MISCELLANEOUS)                 31259           24           647         10534         18749

GRAND TOTAL
***********

    AREA SOURCES                          46844         2020         23735         31287        184714

    POINT SOURCES                          4999        74503         51067        118288         19422

    TOTAL                                 51843        76523         74802        149575        204136
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```
          TOTAL (COMM-INST)
              AREA SOURCES            15          76          86           3          20
              POINT SOURCES            6          85          19           0           2

        TOTAL (EXTERNAL COMB)
              AREA SOURCES          1300         179         634        2734        7949
              POINT SOURCES         2399       48444       28692         340        1586

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL             3          22          36           3           8
            TOTAL (ELEC GEN)           3          22          36           3           8

        TOTAL (INTERNAL COMB)          3          22          36           3           8

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES          1300         179         634        2734        7949
              POINT SOURCES         2402       48466       28728         343        1594

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING           143           0           0        9534        7688
    PRIMARY METAL                     70           0           0           0           0
    SECONDARY METALS                  56           0          48           0           0
    MINERAL PRODUCTS                 215          36          26          40          21
    WOOD PRODUCTS                   1278        1620         600           0       12300
    ORGANIC SOLVENT EVAPORATION        0           0           0         497           0
    OTHER/NOT CLASSIFIED              19           1        1114          69          32
    TOTAL (INDUSTRIAL)              1781        1657        1788       10140       20041

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          89           1           3         249         747
        OPEN BURNING                 492          18         126         663        2102
        TOTAL (RESIDENTIAL)          581          19         129         912        2849

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              POINT SOURCES            1           0           0           0           1
        OPEN BURNING
              AREA SOURCES             6           0           2          13          34
        TOTAL (COMM-INST)
              AREA SOURCES             6           0           2          13          34
              POINT SOURCES            1           0           0           0           1

    INDUSTRIAL

        OPEN BURNING
              AREA SOURCES             4           0           2           6          20
        TOTAL (INDUSTRIAL)
              AREA SOURCES             4           0           2           6          20

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES           591          19         133         931        2903
              POINT SOURCES            1           0           0           0           1

TRANSPORTATION (AREA)
*********************
```

```
      TOTAL (EXTERNAL COMB)
              AREA SOURCES               351          381          424          587         1790
              POINT SOURCES             2876         2048         1028           12          669

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES               351          381          424          587         1790
              POINT SOURCES             2876         2048         1028           12          669

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                     227            0            0            0            0
   MINERAL PRODUCTS                     7706         3855         1072           33           71
   PETROLEUM STORAGE/TRANSPORT             0            0            0          224            0
   TOTAL (INDUSTRIAL)                   7933         3855         1072          257           71

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OPEN BURNING                        29            2           11           54          154
      TOTAL (GOVERNMENT)                  29            2           11           54          154

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               123            1            4          345         1033
      OPEN BURNING                       221            9           57          299          948
      TOTAL (RESIDENTIAL)                344           10           61          644         1981

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                10            2            5            6           14
      TOTAL (COMM-INST)
              AREA SOURCES                10            2            5            6           14

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                 5            0            0            5           10
              POINT SOURCES              692           10          105         1155        13648
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 5            0            0            5           10
              POINT SOURCES              692           10          105         1155        13648

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               359           12           66          655         2005
              POINT SOURCES              721           12          116         1209        13802

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            1508           63         1333         1801        19455
         LIGHT DUTY TRUCKS               916           53         1080         1450        14324
         HEAVY DUTY VEHICLES             130           11          374          433         6816
         OFF HIGHWAY                      11            7          127          335         4225
         TOTAL (GASOLINE)               2565          134         2914         4019        44820

      DIESEL
```

```
SELECT CARD = <44    018                                              45>
```

```
          RESIDUAL OIL
              AREA SOURCES                    0            22             1             0             0
          DISTILLATE OIL
              POINT SOURCES                   0             6             1             0             0
          NATURAL GAS
              AREA SOURCES                    6             1           291            13            57
              POINT SOURCES                   6             1            46             6            11
          TOTAL (COMM-INST)
              AREA SOURCES                   45           167           341            13            59
              POINT SOURCES                  33           121            78             8            21

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                14789          2870          6266         30766         88921
              POINT SOURCES               24554        596292        104936          2793          7416

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    226            70           171           340           916
          TOTAL (ELEC GEN)                  226            70           171           340           916

      INDUSTRIAL FUEL

          NATURAL GAS                         0            14         10464           647          1656
          TOTAL (INDUSTRIAL)                  0            14         10464           647          1656

      TOTAL (INTERNAL COMB)                 226            84         10635           987          2572

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES                14789          2870          6266         30766         88921
              POINT SOURCES               24780        596376        115571          3780          9988

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                   3273          1731           281         10133          5313
  FOOD/AGRICULTURAL                         224             0             0            47            25
  PRIMARY METAL                            6745          3251             4             2            98
  SECONDARY METALS                         1377          1070          2051           274          6488
  MINERAL PRODUCTS                         4311          1419           761           167            83
  WOOD PRODUCTS                             300             5             0           121             0
  ORGANIC SOLVENT EVAPORATION               182           327            44         16112            81
  PETROLEUM STORAGE/TRANSPORT                 2             0             0          5051             0
  METAL FABRICATION                          40             0            18           379            17
  TEXTILE MANUFACTURING                       1             5             2             6             0
  OTHER/NOT CLASSIFIED                     4811           346           173           147           292
  TOTAL (INDUSTRIAL)                      21266          8154          3334         32439         12397

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                 13           228           273           127           685
      OTHER INCINERATION                      8             7            46             9             0
      TOTAL (GOVERNMENT)                     21           235           319           136           685

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                  678             8            18          1912          5731
      OPEN BURNING                         1766            67           447          2384          7560
      TOTAL (RESIDENTIAL)                  2444            75           465          4296         13291

  COMMERCIAL-INSTITUTIONAL
```

```
*** B16 ***                                                                        *** B16 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                22           0           0          22          42
                POINT SOURCES              326          26          47         429        3697
        OPEN BURNING
                AREA SOURCES                10           0           5          15          50
                POINT SOURCES                3           0           1           6          16
        TOTAL (INDUSTRIAL)
                AREA SOURCES                32           0           5          37          92
                POINT SOURCES              329          26          48         435        3713

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               842          32         177        1369        4194
                POINT SOURCES              330          26          49         438        3721

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          14586         715       14689       16086      150709
            LIGHT DUTY TRUCKS             6338         432        8117        8592       70381
            HEAVY DUTY VEHICLES           1067         106        3378        3401       54376
            OFF HIGHWAY                     59          31         642        1709       21601
            TOTAL (GASOLINE)             22050        1284       26826       29788      297067

        DIESEL

            HEAVY DUTY VEHICLES           3236        1573       14199        1725        5254
            OFF HIGHWAY                   1058         827        9945        1516        3007
            RAIL                           383         875        5678        1380        1995
            TOTAL (DIESEL)                4677        3275       29822        4621       10256

    AIRCRAFT

        MILITARY                             8           0           4          10          20
        CIVIL                                5           3          33         108        2172
        COMMERCIAL                           6          14         150         133         411
        TOTAL (AIRCRAFT)                    19          17         187         251        2603

    VESSELS

        GASOLINE                             0           6          58        1254        4470
        TOTAL (VESSELS)                      0           6          58        1254        4470

    TOTAL (TRANSPORTATION)               26746        4582       56893       35914      314396

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     13569         121        3194       15327      111765
    FOREST MANAGED BURNING                2244          16         448        1601       12556
    STRUCTURAL FIRES                       183           0          17         137         742
    GASOLINE STA EVAP LOSS                   0           0           0        4446           0
    SOLVENT EVAPORATION LOSS                 0           0           0       10116           0
    UNPAVED ROADS                       173255           0           0           0           0
    UNPAVED AIRSTRIPS                       14           0           0           0           0
    TOTAL (MISCELLANEOUS)               189265         137        3659       31627      125063

GRAND TOTAL
***********

    AREA SOURCES                        220578       18277      116370       93790      464808
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                   AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS            AQCR:211 AMARILLO-LUBBOCK          POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                               PARTICULATES         SOX             NOX             VOC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                0               1               0               0               1
         DISTILLATE OIL                 0               1               0               0               0
         NATURAL GAS                   23               3            1024              53             205
         WOOD                          76               0               1             152             445
         TOTAL (RESIDENTIAL)           99               5            1025             205             651

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             4293           23379           34023             113             972
         DISTILLATE OIL                 2              17               9               0               0
         NATURAL GAS                  551              52           12330              49             158
         TOTAL (ELEC GEN)            4846           23448           46362             162            1130

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              751            4386            1089               2             138
         RESIDUAL OIL
            AREA SOURCES              424            6668            1215               6             109
         DISTILLATE OIL
            AREA SOURCES               35             588             442              13             102
            POINT SOURCES              12             121             114               0               1
         NATURAL GAS
            AREA SOURCES               82              15           62281           24653            8439
            POINT SOURCES             339             451            5362              30             836
         PROCESS GAS
            POINT SOURCES             412            4593           11456              74              89
         TOTAL (INDUSTRIAL)
            AREA SOURCES             1292           11657           65027           24674            8788
            POINT SOURCES             763            5165           16932             104             926

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES                8               2             362              16              68
            POINT SOURCES               6               0              51               1               1
         TOTAL (COMM-INST)
            AREA SOURCES                8               2             362              16              68
            POINT SOURCES               6               0              51               1               1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             1399           11664           66414           24895            9507
            POINT SOURCES            5615           28613           63345             267            2057
```

```
*** B18 ***                                                                                                   *** B18 ***
              AREA SOURCES                21              2               2              20              37
              POINT SOURCES              108              8             146              19              32
        OPEN BURNING
              AREA SOURCES                12              0               5              19              65
              POINT SOURCES                1              0               0               0               1
        TOTAL (INDUSTRIAL)
              AREA SOURCES                33              2               7              39             102
              POINT SOURCES              109              8             146              19              33

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES               726             30             154            1176            3623
              POINT SOURCES              147             11             150              21              77

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        12375            528           10585           11996          116071
            LIGHT DUTY TRUCKS           5146            321            5833            6035           50462
            HEAVY DUTY VEHICLES          771             69            2172            2412           38323
            OFF HIGHWAY                   37             18             414            1108           13972
            TOTAL (GASOLINE)           18329            936           19004           21551          218828

        DIESEL

            HEAVY DUTY VEHICLES         2347           1024            9317            1267            3902
            OFF HIGHWAY                  641            504            6023             920            1822
            RAIL                         299            681            4409            1073            1548
            TOTAL (DIESEL)              3287           2209           19749            3260            7272

    AIRCRAFT

        MILITARY                        5089            329            2613            5984           12357
        CIVIL                              5              1              26              90            1753
        COMMERCIAL                         3              7              77              68             212
        TOTAL (AIRCRAFT)                5097            337            2716            6142           14322

    VESSELS

        DIESEL FUEL                      502            628            4689            1173            1641
        RESIDUAL OIL                     301           3965             651              39              22
        GASOLINE                           0            110             627           13802           49191
        TOTAL (VESSELS)                  803           4703            5967           15014           50854

    TOTAL (TRANSPORTATION)             27516           8185           47436           45967          291276

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     156              0              12             118             636
    GASOLINE STA EVAP LOSS                 0              0               0            3670               0
    SOLVENT EVAPORATION LOSS               0              0               0            5820               0
    UNPAVED ROADS                     290452              0               0               0               0
    UNPAVED AIRSTRIPS                     67              0               0               0               0
    TOTAL (MISCELLANEOUS)             290675              0              12            9608             636

GRAND TOTAL
***********

    AREA SOURCES                      320120          14380           65130           71628          303217

    POINT SOURCES                      27117          35076          262726           99473          238523
```

```
SELECT CARD = <36    182                                              45>
```

```
   TOTAL                          61160         823       11214       22013       99962
```

```
            POINT SOURCES                  2          0        21         1          4
        TOTAL (COMM-INST)
            AREA SOURCES                  21        137       530        23        109
            POINT SOURCES                  8          3       495        26         99

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                5219       3045     52410     28653      36566
            POINT SOURCES               6892      42965     89628      1389       1410

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        NATURAL GAS                        0          0         8         0          0
        TOTAL (ELEC GEN)                   0          0         8         0          0

      INDUSTRIAL FUEL

        DISTILLATE OIL                     3          3        45        28          9
        NATURAL GAS                       28          2      1508       115        472
        TOTAL (INDUSTRIAL)                31          5      1553       143        481

      TOTAL (INTERNAL COMB)               31          5      1561       143        481

    TOTAL (FUEL COMBUSTION)

            AREA SOURCES                5219       3045     52410     28653      36566
            POINT SOURCES               6923      42970     91189      1532       1891

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               590       1840         0        31          0
    FOOD/AGRICULTURAL                    178          0         0         0          0
    PRIMARY METAL                         22          0         0         0          0
    SECONDARY METALS                     714          0       369         4       3016
    MINERAL PRODUCTS                   26620       3635      3003       421         54
    PETROLEUM INDUSTRY                  2182       4977      5820      2384      28699
    WOOD PRODUCTS                          1         63        61         0          0
    ORGANIC SOLVENT EVAPORATION            4          0         0       928          0
    PETROLEUM STORAGE/TRANSPORT            0          0         0      5210          0
    METAL FABRICATION                      0          0         0       354          0
    OTHER/NOT CLASSIFIED                   0        307         0       122          0
    TOTAL (INDUSTRIAL)                 30311      10822      9253      9454      31769

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             219          2         5       619       1857
        OPEN BURNING                     896         32       230      1213       3840
        TOTAL (RESIDENTIAL)             1115         34       235      1832       5697

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                1115         34       235      1832       5697

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

          LIGHT DUTY VEHICLES          17391        717     16052     19627     190049
          LIGHT DUTY TRUCKS             3302        181      3685      4532      38678
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        *******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                                  RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE EMISSIONS REPORT                                                 AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
***************************                                           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983
STATE 38:OREGON

                             PARTICULATES           SOX               NOX              VOC               CO
                             ************     ************     ************     ************     ************
                              TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              33               82                5               21              188
            DISTILLATE OIL              137             3946              988               37              272
            NATURAL GAS                  27                4             1010               53              201
            WOOD                      17997              192             1422            37368           111064
            TOTAL (RESIDENTIAL)       18194             4224             3425            37479           111725

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             338             6914            12571              148              990
            DISTILLATE OIL                0               32               18                1               10
            TOTAL (ELEC GEN)            338             6946            12589              149             1000

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            535             3767             1563                3              202
                POINT SOURCES            78              496              958               14               54
            RESIDUAL OIL
                POINT SOURCES           879            14605             4248               28              169
            DISTILLATE OIL
                AREA SOURCES            113             2898             1307               43              311
            NATURAL GAS
                AREA SOURCES              7                1             5311             2076              717
                POINT SOURCES           100               39             3023               56              172
            PROCESS GAS
                AREA SOURCES              0                1                1                0                0
            WOOD
                AREA SOURCES            136                9              136               79              229
                POINT SOURCES          9770               84            32134             6999             6710
            LIQUID PETROL GAS
                POINT SOURCES             0                0               13                0                0
            OTHER
                POINT SOURCES            27               39               55                2                2
            TOTAL (INDUSTRIAL)
                AREA SOURCES            791             6676             8318             2201             1459
                POINT SOURCES         10854            15263            40431             7099             7107

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              4               26                7                0                2
            RESIDUAL OIL
                AREA SOURCES            390             3970             1147               20              102
```

```
*** C05 ***
    AIRCRAFT

        CIVIL                              2            0            6           19          391
        TOTAL (AIRCRAFT)                   2            0            6           19          391

    VESSELS

        DIESEL FUEL                       53           67          496          124          173
        RESIDUAL OIL                      25          327           56            3            2
        GASOLINE                           0            8           47         1039         3704
        TOTAL (VESSELS)                   78          402          597         1166         3879

    TOTAL (TRANSPORTATION)              2356          822         5815         4617        33081

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1600           14          377         1806        13167
    FOREST MANAGED BURNING              3493           26          698         2498        19561
    STRUCTURAL FIRES                      20            0            2           16           84
    GASOLINE STA EVAP LOSS                 0            0            0          443            0
    SOLVENT EVAPORATION LOSS               0            0            0          740            0
    UNPAVED ROADS                      32367            0            0            0            0
    UNPAVED AIRSTRIPS                     15            0            0            0            0
    TOTAL (MISCELLANEOUS)              37495           40         1077         5503        32812

GRAND TOTAL
***********

    AREA SOURCES                       40934         1352         7310        12317        72343

    POINT SOURCES                       2647         2982         4955          774         1656

    TOTAL                              43581         4334        12265        13091        73999
```

```
*** C06 ***                                                                                                      *** C06 ***
SELECT CARD = <39    045                                                          45>
```

```
*** C07 ***                                                                                              *** C07 ***
SELECT CARD = <39    195                                                              45>
```

```
*** C08 ***                                                                                  *** C08 ***
SELECT CARD = <40                                                          25>
```

```
          LIGHT DUTY VEHICLES           20457        652        14678       21329      227274
          LIGHT DUTY TRUCKS              2760        123         2570        3623       34113
          HEAVY DUTY VEHICLES             739         52         1562        2286       35671
          OFF HIGHWAY                      51         27          569        1514       19135
          TOTAL (GASOLINE)              24007        854        19379       28752      316193

       DIESEL

          HEAVY DUTY VEHICLES            1261        484         4466         690        2145
          OFF HIGHWAY                      36         28          333          51         101
          RAIL                             24         56          364          88         128
          TOTAL (DIESEL)                 1321        568         5163         829        2374

    AIRCRAFT

       MILITARY                            20          1           10          24          50
       CIVIL                                5          4           27          81        1627
       COMMERCIAL                          10         24          252         223         693
       TOTAL (AIRCRAFT)                    35         29          289         328        2370

    VESSELS

       DIESEL FUEL                         15         19          142          36          50
       RESIDUAL OIL                         6         80           13           1           0
       GASOLINE                             0          9           47        1032        3678
       TOTAL (VESSELS)                     21        108          202        1069        3728

    TOTAL (TRANSPORTATION)              25384       1559        25033       30978      324665

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       69          0           17          80         579
    STRUCTURAL FIRES                      271          0           26         202        1102
    GASOLINE STA EVAP LOSS                  0          0            0        3478           0
    SOLVENT EVAPORATION LOSS                0          0            0       17869           0
    UNPAVED ROADS                        1163          0            0           0           0
    TOTAL (MISCELLANEOUS)                1503          0           43       21629        1681

GRAND TOTAL
***********

    AREA SOURCES                        31038       3912        28514       60806      351196

    POINT SOURCES                        3024       5552         4766       14613        1344

    TOTAL                               34062       9464        33280       75419      352540
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                       AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:167 METROPOLITAN CHARLOTTE         POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             20               63                4               13              124
            DISTILLATE OIL              12              130               81                3               23
            NATURAL GAS                  1                0               63                4               13
            WOOD                       448                5               35              931             2767
            TOTAL (RESIDENTIAL)        481              198              183              951             2927

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         1262             9428             4944               17              227
            RESIDUAL OIL
                POINT SOURCES          386             5531              830                4               75
            DISTILLATE OIL
                POINT SOURCES            1               42                8                0                2
            NATURAL GAS
                AREA SOURCES             7                1              826              198               98
                POINT SOURCES            5                1              466                2               44
            PROCESS GAS
                POINT SOURCES            0                1                0                0                0
            WOOD
                POINT SOURCES          844               15              176              200              470
            TOTAL (INDUSTRIAL)
                AREA SOURCES             7                1              826              198               98
                POINT SOURCES         2498            15018             6424              223              818

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             3               13                5                0                0
            BITUMINOUS COAL
                AREA SOURCES             7               30                7                0                3
            DISTILLATE OIL
                AREA SOURCES             1               22               16                0                3
            NATURAL GAS
                AREA SOURCES             1                0               47                1               10
            TOTAL (COMM-INST)
                AREA SOURCES            12               65               75                1               16

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           500              264             1084             1150             3041
                POINT SOURCES         2498            15018             6424              223              818
```

```
*** C11 ***                                                                                                          *** C11 ***
SELECT CARD = <42    201                                                                           45>
```

```
*** C12 ***                                                                                         *** C12 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2375          150         3037         2748        24364
         LIGHT DUTY TRUCKS             710           60         1164         1049         8057
         HEAVY DUTY VEHICLES           116           14          465          390         6311
         OFF HIGHWAY                     9            4           96          257         3244
         TOTAL (GASOLINE)             3210          228         4762         4444        41976

      DIESEL

         HEAVY DUTY VEHICLES           380          211         1881          199          598
         OFF HIGHWAY                    61           48          577           88          174
         RAIL                           13           28          180           43           63
         TOTAL (DIESEL)                454          287         2638          330          835

   AIRCRAFT

      MILITARY                         216           14          111          254          524
      CIVIL                              1            1            9           25          506
      COMMERCIAL                         0            1            6            5           16
      TOTAL (AIRCRAFT)                 217           16          126          284         1046

   VESSELS

      DIESEL FUEL                       14           17          130           33           45
      RESIDUAL OIL                       4           57            9            1            0
      GASOLINE                           0            5           32          713         2541
      TOTAL (VESSELS)                   18           79          171          747         2586

   TOTAL (TRANSPORTATION)             3899          610         7697         5805        46443

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  1398           13          329         1580        11515
    FOREST MANAGED BURNING            1737           13          348         1242         9733
    STRUCTURAL FIRES                    40            0            4           29          160
    GASOLINE STA EVAP LOSS               0            0            0          702            0
    SOLVENT EVAPORATION LOSS             0            0            0         2589            0
    UNPAVED ROADS                    18890            0            0            0            0
    TOTAL (MISCELLANEOUS)            22065           26          681         6142        21408

GRAND TOTAL
***********

    AREA SOURCES                     27855          834         9145        15612        78703

    POINT SOURCES                     4184        50123        30516        10483        21636

    TOTAL                            32039        50957        39661        26095       100339
```

```
          HEAVY DUTY VEHICLES              456         203        1842         247         757
          OFF HIGHWAY                       68          53         641          97         194
          RAIL                               9          20         135          32          47
          TOTAL (DIESEL)                   533         276        2618         376         998

   AIRCRAFT

       MILITARY                            248          16         127         291         602
       CIVIL                                 1           1          11          32         676
       COMMERCIAL                            3           6          61          54         169
       TOTAL (AIRCRAFT)                    252          23         199         377        1447

   VESSELS

       GASOLINE                              0           0           1          31         110
       TOTAL (VESSELS)                       0           0           1          31         110

   TOTAL (TRANSPORTATION)                 3350         433        5732        4803       47375

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      18162         161        4269       20491      149413
   FOREST MANAGED BURNING                  800           6         160         572        4477
   STRUCTURAL FIRES                         32           0           2          26         132
   GASOLINE STA EVAP LOSS                    0           0           0         518           0
   SOLVENT EVAPORATION LOSS                  0           0           0        1159           0
   UNPAVED ROADS                         54699           0           0           0           0
   UNPAVED AIRSTRIPS                        32           0           0           0           0
   TOTAL (MISCELLANEOUS)                 73705         167        4431       22766      154022

GRAND TOTAL
***********

   AREA SOURCES                          77765         993       10653       28811      205192

   POINT SOURCES                         11530        5915        2216        1478       14542

   TOTAL                                 89295        6908       12869       30289      219734
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY   NOVEMBER 28, 1983
****************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:44 TENNESSEE      AQCR:018 METROPOLITAN MEMPHIS                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES       SOX            NOX            VOC             CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               1              3              0              1              5
         DISTILLATE OIL                0              4              3              0              1
         NATURAL GAS                  20              4            650             34            130
         TOTAL (RESIDENTIAL)          21             11            653             35            136

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1894          76990          31483           2680           1382
         DISTILLATE OIL                0             11              3              0              1
         TOTAL (ELEC GEN)           1894          77001          31486           2680           1383

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             699           3925           1302              5            168
         RESIDUAL OIL
            POINT SOURCES            117           1132            208             12              8
         DISTILLATE OIL
            POINT SOURCES             24            489            110              5             12
         NATURAL GAS
            AREA SOURCES              18              4           4778           1597            616
            POINT SOURCES             77              2           2681            148             58
         PROCESS GAS
            POINT SOURCES              0              9              4              0              1
         WOOD
            POINT SOURCES            350             40            275             60             59
         TOTAL (INDUSTRIAL)
            AREA SOURCES             717           3929           6080           1602            784
            POINT SOURCES            568           1672           3278            225            138

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              31            104             37              0              2
         RESIDUAL OIL
            AREA SOURCES               0              2              0              0              0
         DISTILLATE OIL
            POINT SOURCES             36            905            359              6             90
         NATURAL GAS
            AREA SOURCES               7              1            227             12             45
            POINT SOURCES              9              2            761              7            110
         TOTAL (COMM-INST)
      ON SITE INCINERATION
              POINT SOURCES          190          5         15          6         15
      OPEN BURNING
              AREA SOURCES             6          0          1         11         25
      TOTAL (COMM-INST)
              AREA SOURCES             6          0          1         11         25
              POINT SOURCES          190          5         15          6         15

   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES          123        552        306        103       1022
      OPEN BURNING
              AREA SOURCES            24          0         12         36        120
              POINT SOURCES            4          0          1          4         13
      TOTAL (INDUSTRIAL)
              AREA SOURCES            24          0         12         36        120
              POINT SOURCES          127        552        307        107       1035

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES          2474         75        478       4363      13436
              POINT SOURCES          338        792        641        249       1735

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       22154        938      19850      22893     225851
         LIGHT DUTY TRUCKS          6185        398       8078       8769      73203
         HEAVY DUTY VEHICLES        1666        147       4615       5356      84652
         OFF HIGHWAY                  66         33        738       1963      24830
         TOTAL (GASOLINE)          30071       1516      33281      38981     408536

      DIESEL

         HEAVY DUTY VEHICLES        5752       2381      21813       3125       9651
         OFF HIGHWAY                 334        260       3110        474        944
         RAIL                        428        975       6311       1532       2217
         TOTAL (DIESEL)             6514       3616      31234       5131      12812

   AIRCRAFT

      MILITARY                        39          3         20         46         95
      CIVIL                            7          1         32        100       1984
      COMMERCIAL                      17         40        414        367       1139
      TOTAL (AIRCRAFT)                63         44        466        513       3218

   VESSELS

      DIESEL FUEL                     75         95        711        179        250
      GASOLINE                         0         13         82       1782       6365
      TOTAL (VESSELS)                 75        108        793       1961       6615

   TOTAL (TRANSPORTATION)          36723       5284      65774      46586     431181

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 1591          9        377       1800      13117
   FOREST MANAGED BURNING           1516          9        305       1084       8493
   STRUCTURAL FIRES                  302          0         27        226       1227
   GASOLINE STA EVAP LOSS              0          0          0       5917          0
   POINT SOURCES                        22147          200996          147001           45161           29632

   TOTAL                               242725          219273          263371          138951          494440
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    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    6                 6               198                 5                19
            NATURAL GAS                      13                15              2463                31               201
            TOTAL (ELEC GEN)                 19                21              2661                36               220

        INDUSTRIAL FUEL

            DISTILLATE OIL                    6                 0               576               237                73
            NATURAL GAS                     206                12             48072               132              7933
            TOTAL (INDUSTRIAL)              212                12             48648               369              8006

        TOTAL (INTERNAL COMB)               231                33             51309               405              8226

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1399             11664             66414             24895              9507
                POINT SOURCES              5846             28646            114654               672             10283

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 2762             37733              4177             48351            639143
    FOOD/AGRICULTURAL                     22438                 0                 0               265                 0
    PRIMARY METAL                           124                 0                 0                 0               197
    SECONDARY METALS                          5                 0                29                 2                 5
    MINERAL PRODUCTS                       6271              1076               285                 0                 0
    PETROLEUM INDUSTRY                     2697             26833              4141              5502            165084
    WOOD PRODUCTS                            13                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION               1                 0                 0              7942                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0             15756                 0
    METAL FABRICATION                         5                 0                 0                 0                 0
    OTHER/NOT CLASSIFIED                      0               481                 0             15892                 0
    TOTAL (INDUSTRIAL)                    34316             66123              8632             93710            804429

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                       1033                65               387              1936              5163
        OTHER INCINERATION                   56                 6                14                56               168
        TOTAL (GOVERNMENT)                 1089                71               401              1992              5331

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                191                 1                 3               528              1585
        OPEN BURNING                        619                19               156               841              2660
        TOTAL (RESIDENTIAL)                 810                20               159              1369              4245

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 34                 8                17                20                55
                POINT SOURCES                 1                33                 1                 0                 0
        OPEN BURNING
                AREA SOURCES                  1                 0                 0                 2                 4
        TOTAL (COMM-INST)
                AREA SOURCES                 35                 8                17                22                59
                POINT SOURCES                 1                33                 1                 0                 0

    INDUSTRIAL

        ON SITE INCINERATION
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TOTAL	347237	49456	347856	171101	541740

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*** D01 ***                                                                                  *** D01 ***

                                   NATIONAL EMISSIONS DATA SYSTEM
                                  ********************************

                                  ENVIRONMENTAL PROTECTION AGENCY
                                  *********************************

STATE/AQCR EMISSIONS REPORT                                      RUN DATE:   MONDAY   NOVEMBER 28, 1983
****************************                         AREA EMISSIONS AS OF:  TUESDAY   NOVEMBER 22, 1983
STATE:36 OHIO        AQCR:182 WILMINGTON-CHILLICOTHE-LOGAN      POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES         SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0              1              0              0              6
         DISTILLATE OIL               15            163            101              3             28
         NATURAL GAS                   8              0            295             16             58
         WOOD                       7236             77            573          15022          44648
         TOTAL (RESIDENTIAL)        7259            241            969          15041          44740

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  0              1              1              0              0
         OTHER                         2              0              8              6              6
         TOTAL (ELEC GEN)              2              1              9              6              6

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            781          30281           7669            127            336
         RESIDUAL OIL
            POINT SOURCES              4            340            465              3             20
         DISTILLATE OIL
            AREA SOURCES               5             47             53              1             13
         NATURAL GAS
            AREA SOURCES               4              0            917            288            116
         WOOD
            POINT SOURCES              6              2             28             50             66
         TOTAL (INDUSTRIAL)
            AREA SOURCES               9             47            970            289            129
            POINT SOURCES            791          30623           8162            180            422

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               2             12              2              0              0
         DISTILLATE OIL
            AREA SOURCES               1             27             18              0              5
         NATURAL GAS
            AREA SOURCES               1              0            102              6             19
         TOTAL (COMM-INST)
            AREA SOURCES               4             39            122              6             24

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            7272            327           2061          15336          44893
            POINT SOURCES            793          30624           8171            186            428
```

SELECT CARD = <37 022 45>

HEAVY DUTY VEHICLES	4322	356	11078	13564	214024
OFF HIGHWAY	62	32	684	1819	23001
TOTAL (GASOLINE)	25077	1286	31499	39542	465752
DIESEL					
HEAVY DUTY VEHICLES	4476	1936	17461	2371	7317
OFF HIGHWAY	359	279	3372	514	1018
RAIL	268	616	3991	970	1402
TOTAL (DIESEL)	5103	2831	24824	3855	9737
AIRCRAFT					
MILITARY	447	29	230	526	1087
CIVIL	11	7	60	188	3745
COMMERCIAL	14	33	339	300	933
TOTAL (AIRCRAFT)	472	69	629	1014	5765
VESSELS					
GASOLINE	0	19	105	2312	8239
TOTAL (VESSELS)	0	19	105	2312	8239
TOTAL (TRANSPORTATION)	30652	4205	57057	46723	489493
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1611	14	378	1819	13263
FOREST MANAGED BURNING	75	1	15	53	418
STRUCTURAL FIRES	106	0	10	79	430
GASOLINE STA EVAP LOSS	0	0	0	5483	0
SOLVENT EVAPORATION LOSS	0	0	0	14877	0
UNPAVED ROADS	154151	0	0	0	0
TOTAL (MISCELLANEOUS)	155943	15	403	22311	14111
GRAND TOTAL ***********					
AREA SOURCES	192929	7299	110105	99519	545867
POINT SOURCES	37234	53792	100442	10986	33660
TOTAL	230163	61091	210547	110505	579527

POINT SOURCES	0	4	1	0	0
DISTILLATE OIL					
AREA SOURCES	29	1199	335	2	85
POINT SOURCES	35	244	241	6	14
NATURAL GAS					
AREA SOURCES	20	2	742	38	148
POINT SOURCES	0	0	17	1	4
OTHER					
POINT SOURCES	0	0	4	0	0
TOTAL (COMM-INST)					
AREA SOURCES	443	5197	2231	60	337
POINT SOURCES	35	248	263	7	18
TOTAL (EXTERNAL COMB)					
AREA SOURCES	19428	16097	13974	39740	113521
POINT SOURCES	11227	22457	53283	7255	8125
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	7	64	160	0	8
NATURAL GAS	8	5	42	2	2
TOTAL (ELEC GEN)	15	69	202	2	10
TOTAL (INTERNAL COMB)	15	69	202	2	10
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	19428	16097	13974	39740	113521
POINT SOURCES	11242	22526	53485	7257	8135
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	156	28	72	1823	10636
FOOD/AGRICULTURAL	1591	1196	0	12	0
PRIMARY METAL	1197	3890	0	20	11854
SECONDARY METALS	604	1029	26	235	3495
MINERAL PRODUCTS	6133	1467	1534	170	355
PETROLEUM INDUSTRY	1	0	0	0	0
WOOD PRODUCTS	14642	3795	9067	1877	6464
ORGANIC SOLVENT EVAPORATION	36	0	5	9813	18
PETROLEUM STORAGE/TRANSPORT	0	0	0	5097	0
METAL FABRICATION	6	0	0	2	0
OTHER/NOT CLASSIFIED	1077	832	1681	2250	99
TOTAL (INDUSTRIAL)	25443	12237	12385	21299	32921
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	98	23	94	41	109
OPEN BURNING	345	15	106	569	1659
TOTAL (GOVERNMENT)	443	38	200	610	1768
RESIDENTIAL (AREA)					
ON SITE INCINERATION	2334	37	73	6565	19697
OPEN BURNING	3076	112	788	4154	13164
TOTAL (RESIDENTIAL)	5410	149	861	10719	32861
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					

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SELECT CARD = <38    193                                                                       45>
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*** D06 ***                                                                                             *** D06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                               RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
***************************                                     POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983
STATE:39 PENNSYLVANIA     AQCR:045 METROPOLITAN PHILADELPHIA

                             PARTICULATES        SOX            NOX             VOC             CO
                             ************   ************   ************    ************    ************
                              TONS / YR      TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL          198            540             59             198            1780
            BITUMINOUS COAL           47            222              9              31             279
            DISTILLATE OIL           490           5648           3529             137             980
            NATURAL GAS              120             24           4010             213             803
            WOOD                    3420             36            270            7101           21105
            TOTAL (RESIDENTIAL)     4275           6470           7877            7680           24947

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         3264          41719          11879              40             339
            RESIDUAL OIL             207          12161           7474             107             703
            DISTILLATE OIL             0             29             55               1               8
            NATURAL GAS                0              0             25               0               2
            TOTAL (ELEC GEN)        3471          53909          19433             148            1052

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES         30             86             33               0               2
            BITUMINOUS COAL
                POINT SOURCES        549            875            669               3              19
            RESIDUAL OIL
                POINT SOURCES        815          10154           6427              53             500
            DISTILLATE OIL
                AREA SOURCES          71            705            796              27             189
                POINT SOURCES         15            333            119               1              30
            NATURAL GAS
                AREA SOURCES          57             12          11821            3654            1493
                POINT SOURCES         18              4           1086              21             201
            PROCESS GAS
                POINT SOURCES        172           1679           2422              43             794
            OTHER
                POINT SOURCES         59            175            263               4              21
            TOTAL (INDUSTRIAL)
                AREA SOURCES         128            717          12617            3681            1682
                POINT SOURCES       1658          13306          11019             125            1567

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES         922           3051           1095               9              66
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*** D07 ***                                                                                        *** D07 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:      MONDAY  NOVEMBER 28, 1983
***************************                                     AREA EMISSIONS AS OF:      TUESDAY  NOVEMBER 22, 1983
STATE:39 PENNSYLVANIA    AQCR:195 CENTRAL PENNSYLVANIA          POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX             VOC              CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             984           2682            295            984           8844
            BITUMINOUS COAL             237           1123             47            157           1419
            DISTILLATE OIL              171           1957           1223             50            340
            NATURAL GAS                  20              2            756             40            151
            WOOD                      16396            171           1295          34042         101175
            TOTAL (RESIDENTIAL)       17808           5935           3616          35273         111929

        ELEC GENERATION (POINT)

            ANTHRACITE COAL             717          16023           4930             19            164
            BITUMINOUS COAL            3385         143543          48548            162           1387
            DISTILLATE OIL                1             54             36              0              8
            TOTAL (ELEC GEN)           4103         159620          53514            181           1559

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES            46            397            147              8             77
            BITUMINOUS COAL
                POINT SOURCES           577          12987           2877             35            994
            RESIDUAL OIL
                POINT SOURCES           166           2205            387              1             35
            DISTILLATE OIL
                AREA SOURCES             32            313            354              9             84
                POINT SOURCES             4            101             38              0             10
            NATURAL GAS
                AREA SOURCES             20              3           4530           1400            571
                POINT SOURCES            22              1            503              5             66
            PROCESS GAS
                POINT SOURCES            58          25810            524              2            252
            WOOD
                POINT SOURCES            71              4             71             46            122
            OTHER
                POINT SOURCES             0              1              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             52            316           4884           1409            655
                POINT SOURCES           944          41506           4547             97           1556

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
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*** D08 ***                                                                                                                  *** D08 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
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                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE EMISSIONS REPORT                                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 40:PUERTO RICO                                                              POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                    PARTICULATES           SOX               NOX                VOC                CO
                                   *************     *************     *************     *************     *************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    6                13                 2                 6                50
            DISTILLATE OIL                    12               144                90                 3                25
            NATURAL GAS                        1                 0                30                 2                 6
            TOTAL (RESIDENTIAL)               19               157               122                11                81

        ELEC GENERATION (POINT)

            RESIDUAL OIL                   17229            216602             44928               368              2423
            DISTILLATE OIL                    48              1743               579                 5               121
            TOTAL (ELEC GEN)               17277            218345             45507               373              2544

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES                 517             10800              1496                 3               136
                POINT SOURCES               2698             40588              8884                94              3122
            DISTILLATE OIL
                AREA SOURCES                  34                23               480                10               114
                POINT SOURCES                 25              1884               262                 2                63
            NATURAL GAS
                AREA SOURCES                   1                 0                50                 1                13
                POINT SOURCES                 11                 3              1266                10               123
            PROCESS GAS
                POINT SOURCES                  9                 3               432                 9               107
            LIQUID PETROL GAS
                POINT SOURCES                  0                 1                19                 0                 5
            BAGASSE
                POINT SOURCES               6462                 0               628              1048              1048
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 552             10823              2026                14               263
                POINT SOURCES               9205             42479             11491              1163              4468

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                  35               750               104                 2                10
                POINT SOURCES                925             12274              2224                45               201
            DISTILLATE OIL
                AREA SOURCES                  31                15               402                 1                96
                POINT SOURCES                  9               755               312                 5                77
            NATURAL GAS
                AREA SOURCES                   9                 1               535                20               102
            OTHER
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*** D09 ***   *** D09 ***

SELECT CARD = <42   25>

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*** D10 ***                                                                                             *** D10 ***
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 500           264          1084          1150          3041
                POINT SOURCES               2498         15018          6424           223           818

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     0             0             0          4889             0
    SECONDARY METALS                           2             0             0             0             0
    MINERAL PRODUCTS                         994            23            57            77            47
    WOOD PRODUCTS                            406           623           338            18          6990
    ORGANIC SOLVENT EVAPORATION                0             0             0           281             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0           558             0
    TEXTILE MANUFACTURING                      1             0             0          8101             0
    OTHER/NOT CLASSIFIED                       4             0             0             0             0
    TOTAL (INDUSTRIAL)                      1407           646           395         13924          7037

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 121             1             5           340          1020
        OPEN BURNING                         293            10            75           396          1256
        TOTAL (RESIDENTIAL)                  414            11            80           736          2276

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                  0             0             0             0             2
        OPEN BURNING
                AREA SOURCES                   5             0             1             9            21
        TOTAL (COMM-INST)
                AREA SOURCES                   5             0             1             9            21
                POINT SOURCES                  0             0             0             0             2

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                  3             0             0             5            62
        OPEN BURNING
                AREA SOURCES                   8             0             4            13            45
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   8             0             4            13            45
                POINT SOURCES                  3             0             0             5            62

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 427            11            85           758          2342
                POINT SOURCES                  3             0             0             5            64

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             3660           194          4220          4523         41092
            LIGHT DUTY TRUCKS                889            64          1309          1411         11210
            HEAVY DUTY VEHICLES              115            11           390           371          5939
            OFF HIGHWAY                       15             7           163           435          5496
            TOTAL (GASOLINE)                4679           276          6082          6740         63737

        DIESEL
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:42 SOUTH CAROLINA AQCR:201 FLORENCE

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	16	48	4	11	91
DISTILLATE OIL	13	162	100	3	28
NATURAL GAS	0	0	63	4	12
WOOD	1983	21	157	4119	12242
TOTAL (RESIDENTIAL)	2012	231	324	4137	12373
ELEC GENERATION (POINT)					
BITUMINOUS COAL	2063	8258	2887	10	83
RESIDUAL OIL	1	64	13	0	1
NATURAL GAS	0	0	17	0	1
TOTAL (ELEC GEN)	2064	8322	2917	10	85
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	1511	5500	2424	11	538
RESIDUAL OIL					
POINT SOURCES	351	6852	1085	5	98
DISTILLATE OIL					
POINT SOURCES	1	129	28	0	7
NATURAL GAS					
AREA SOURCES	11	2	1343	323	160
POINT SOURCES	5	0	634	5	77
WOOD					
POINT SOURCES	701	33	378	427	1006
OTHER					
POINT SOURCES	3	0	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	11	2	1343	323	160
POINT SOURCES	2572	12514	4549	448	1726
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	6	22	8	0	0
BITUMINOUS COAL					
AREA SOURCES	12	47	11	0	7
RESIDUAL OIL					
POINT SOURCES	0	4	1	0	0
DISTILLATE OIL					
AREA SOURCES	1	36	25	0	5

```
SELECT CARD = <43                                                    25>
SELECT CARD = <43    206                                                                    45>
STATE 43 COUNTY 0040 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0120 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0220 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0260 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0340 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0500 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0560 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0600 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0700 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0740 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0840 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0860 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0900 NOT FOUND IN POINT FILE
STATE 43 COUNTY 0920 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1040 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1160 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1360 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1440 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1460 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1620 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1740 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1840 NOT FOUND IN POINT FILE
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```
                AREA SOURCES               38             107             264              12              47
                POINT SOURCES              45             907            1120              13             200

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              776            4047            6997            1649             967
                POINT SOURCES            2507           79580           35884            2918            1721

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 12              28              20               2              16
            NATURAL GAS                    19               0              66               3              66
            TOTAL (ELEC GEN)               31              28              86               5              82

        TOTAL (INTERNAL COMB)              31              28              86               5              82

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              776            4047            6997            1649             967
                POINT SOURCES            2538           79608           35970            2923            1803

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 80            5800               0            9281           16100
    FOOD/AGRICULTURAL                     753              47              79               3               7
    SECONDARY METALS                      195             402               1               0            1850
    MINERAL PRODUCTS                      319               0               0               0               0
    PETROLEUM INDUSTRY                    213            5561             184             240            8992
    WOOD PRODUCTS                           5               0              48              13               0
    ORGANIC SOLVENT EVAPORATION             4               0               0             988               0
    PETROLEUM STORAGE/TRANSPORT             0               0               0            2059               0
    OTHER/NOT CLASSIFIED                    5               0               0               0               0
    TOTAL (INDUSTRIAL)                   1574           11810             312           12584           26949

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              4               1               1               4               5
        TOTAL (GOVERNMENT)                  4               1               1               4               5

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              465               7              15            1309            3927
        OPEN BURNING                      198               7              51             267             846
        TOTAL (RESIDENTIAL)               663              14              66            1576            4773

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               5              28             225             169              22
        OPEN BURNING
                AREA SOURCES                2               0               1               3              10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                2               0               1               3              10
                POINT SOURCES               5              28             225             169              22

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              665              14              67            1579            4783
                POINT SOURCES               9              29             226             173              27

TRANSPORTATION (AREA)
*********************
```

```
    SOLVENT EVAPORATION LOSS                 0                0                0            18561                0
    UNPAVED ROADS                       119147                0                0                0                0
    UNPAVED AIRSTRIPS                        3                0                0                0                0
    TOTAL (MISCELLANEOUS)               122559               18              709            27588            22837

GRAND TOTAL
***********

    AREA SOURCES                        176545             8247            73227           109283           556375

    POINT SOURCES                        46384           605322           119546            36468            24120

    TOTAL                               222929           613569           192773           145751           580495
```

```
SELECT CARD = <45    106                                                                          45>
STATE 45 COUNTY 4620 NOT FOUND IN POINT FILE
```

```
*** D17 ***                                                                                          *** D17 ***
                AREA SOURCES                34          2          2         34         61
                POINT SOURCES              102         27         89         13         23
        OPEN BURNING
                AREA SOURCES                12          0          6         19         65
        TOTAL (INDUSTRIAL)
                AREA SOURCES                46          2          8         53        126
                POINT SOURCES              102         27         89         13         23

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               891         30        184       1444       4430
                POINT SOURCES             1192        131        491       2005       5354

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          13536        593      12146      14057     135215
            LIGHT DUTY TRUCKS             5800        385       7197       7343      60829
            HEAVY DUTY VEHICLES           1298        127       4005       4128      65984
            OFF HIGHWAY                     38         20        476       1268      16043
            TOTAL (GASOLINE)             20672       1125      23824      26796     278071

        DIESEL

            HEAVY DUTY VEHICLES           3752       1700      15433       2012       6188
            OFF HIGHWAY                    918        720       8615       1319       2610
            RAIL                           355        807       5227       1266       1840
            TOTAL (DIESEL)                5025       3227      29275       4597      10638

    AIRCRAFT

        MILITARY                           397         26        203        467        965
        CIVIL                               10          2         61        194       3880
        COMMERCIAL                          10         23        244        216        672
        TOTAL (AIRCRAFT)                   417         51        508        877       5517

    VESSELS

        GASOLINE                             0         12         72       1606       5731
        TOTAL (VESSELS)                      0         12         72       1606       5731

    TOTAL (TRANSPORTATION)               26114       4415      53679      33876     299957

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                       191          0         13        138        764
    GASOLINE STA EVAP LOSS                   0          0          0       4314          0
    SOLVENT EVAPORATION LOSS                 0          0          0       8444          0
    UNPAVED ROADS                       553469          0          0          0          0
    UNPAVED AIRSTRIPS                      118          0          0          0          0
    TOTAL (MISCELLANEOUS)               553778          0         13      12896        764

GRAND TOTAL
***********

    AREA SOURCES                        582182      16109     120290      73111     314658

    POINT SOURCES                        41354      94900     123777      96387     820066

    TOTAL                               623536     111009     244067     169498    1134724
```

```
*** D18 ***                                                                                                  *** D18 ***

SELECT CARD = <45     215                                                             45>
STATE 45 COUNTY 4870 NOT FOUND IN POINT FILE
```

```
*** E01 ***                                                                                      *** E01 ***
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             7272            327           2061          15336          44893
                POINT SOURCES             793          30624           8171            186            428

INDUSTRIAL PROCESS (POINT)
****************************

    CHEMICAL MANUFACTURING                220              0              0              0              0
    FOOD/AGRICULTURAL                      23              0              0              0              0
    PRIMARY METAL                           2              0              0              0              0
    SECONDARY METALS                       31              7              1              0           1066
    MINERAL PRODUCTS                      823              5              2              5              2
    WOOD PRODUCTS                          58            220              0            175            420
    ORGANIC SOLVENT EVAPORATION             0              0              0              6              0
    TOTAL (INDUSTRIAL)                   1157            232              3            186           1488

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              167              1              5            475           1425
        OPEN BURNING                      249              9             63            335           1063
        TOTAL (RESIDENTIAL)               416             10             68            810           2488

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               43             11             20             23             57
                POINT SOURCES              79              7             19             79            239
        TOTAL (COMM-INST)
                AREA SOURCES               43             11             20             23             57
                POINT SOURCES              79              7             19             79            239

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                8              0              0              8             15
        OPEN BURNING
                AREA SOURCES               14              0              7             21             70
        TOTAL (INDUSTRIAL)
                AREA SOURCES               22              0              7             29             85

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              481             21             95            862           2630
                POINT SOURCES              79              7             19             79            239

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          3198            186           4241           4354          39711
            LIGHT DUTY TRUCKS            1091             86           1818           1786          14371
            HEAVY DUTY VEHICLES           268             32           1023            916          14725
            OFF HIGHWAY                    12              8            136            364           4596
            TOTAL (GASOLINE)             4569            312           7218           7420          73403

        DIESEL

            HEAVY DUTY VEHICLES           513            277           2475            270            812
            OFF HIGHWAY                   168            133           1585            242            478
            RAIL                           84            191           1236            300            433
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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

                                                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
***************************                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
STATE:37 OKLAHOMA        AQCR:022 SHREVEPORT-TEXARKANA-TYLER

                              PARTICULATES         SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               1              4              0              1              5
            DISTILLATE OIL                0              1              0              0              0
            NATURAL GAS                   1              0             29              2              6
            WOOD                       1691             18            134           3511          10435
            TOTAL (RESIDENTIAL)        1693             23            163           3514          10446

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              3             23              5              0              1
            RESIDUAL OIL
                AREA SOURCES              0              4              1              0              0
                POINT SOURCES            29            364             79              1              5
            DISTILLATE OIL
                AREA SOURCES              5             55             62              2             15
            NATURAL GAS
                AREA SOURCES              1              0            723            276             97
                POINT SOURCES            56              3           1985             13            142
            WOOD
                POINT SOURCES            40             39            429            201            201
            LIQUID PETROL GAS
                POINT SOURCES             0              0              1              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              9             82            791            278            113
                POINT SOURCES           125            406           2494            215            348

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES              0              2              1              0              0
            NATURAL GAS
                AREA SOURCES              0              0              7              0              1
            TOTAL (COMM-INST)
                AREA SOURCES              0              2              8              0              1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           1702            107            962           3792          10560
                POINT SOURCES           125            406           2494            215            348

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1702            107            962           3792          10560
                POINT SOURCES           125            406           2494            215            348
```

```
SELECT CARD = <37     187                                                                    45>
STATE 37 COUNTY 0980 NOT FOUND IN POINT FILE
```

AREA SOURCES	17	3	8	10	23
POINT SOURCES	48	12	19	18	23
OPEN BURNING					
AREA SOURCES	12	0	2	22	50
TOTAL (COMM-INST)					
AREA SOURCES	29	3	10	32	73
POINT SOURCES	48	12	19	18	23
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	19	0	0	19	37
POINT SOURCES	1131	14	231	233	7202
OPEN BURNING					
AREA SOURCES	48	0	19	76	265
POINT SOURCES	13	0	1	5	45
TOTAL (INDUSTRIAL)					
AREA SOURCES	67	0	19	95	302
POINT SOURCES	1144	14	232	238	7247
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	5506	152	890	10846	33236
POINT SOURCES	1635	64	451	866	9038
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	42705	1654	36410	47515	474892
LIGHT DUTY TRUCKS	18425	1031	21628	26673	234067
HEAVY DUTY VEHICLES	2008	171	5418	6422	101373
OFF HIGHWAY	149	81	1670	4441	56139
TOTAL (GASOLINE)	63287	2937	65126	85051	866471
DIESEL					
HEAVY DUTY VEHICLES	9637	4214	38376	5206	16009
OFF HIGHWAY	1061	830	9994	1522	3019
RAIL	1689	3851	25003	6073	8784
TOTAL (DIESEL)	12387	8895	73373	12801	27812
AIRCRAFT					
MILITARY	185	11	95	219	448
CIVIL	45	20	197	604	12123
COMMERCIAL	32	73	766	678	2107
TOTAL (AIRCRAFT)	262	104	1058	1501	14678
VESSELS					
DIESEL FUEL	328	409	3057	764	1070
RESIDUAL OIL	227	2990	491	29	17
GASOLINE	0	51	300	6543	23319
TOTAL (VESSELS)	555	3450	3848	7336	24406
TOTAL (TRANSPORTATION)	76491	15386	143405	106689	933367
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	32395	284	7623	36587	266768
FOREST MANAGED BURNING	30184	224	6036	21579	169008
AGRICULTURAL BURNING	3341	0	473	3081	22199

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                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                   ********************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                   *********************************

STATE/AQCR EMISSIONS REPORT                                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
******************************                                                       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:38 OREGON         AQCR:193 PORTLAND                                           POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                                      PARTICULATES               SOX               NOX               VOC                CO
                                      ************      ************      ************      ************      ************
                                       TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                     10                24                 1                 6                56
            DISTILLATE OIL                     106              3064               768                31               213
            NATURAL GAS                         20                 4               732                40               146
            WOOD                              7485                80               591             15538             46186
            TOTAL (RESIDENTIAL)               7621              3172              2092             15615             46601

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                   456              3183              1319                 3               169
            RESIDUAL OIL
                POINT SOURCES                  495              9860              2791                18               107
            DISTILLATE OIL
                AREA SOURCES                    74              1859               839                28               198
            NATURAL GAS
                AREA SOURCES                     7                 1              4361              1703               587
                POINT SOURCES                   81                37              2490                51               139
            PROCESS GAS
                AREA SOURCES                     0                 1                 1                 0                 0
            WOOD
                AREA SOURCES                    85                 6                85                49               143
                POINT SOURCES                 4391                72             13433              3000              2959
            LIQUID PETROL GAS
                POINT SOURCES                    0                 0                 3                 0                 0
            OTHER
                POINT SOURCES                   27                39                55                 2                 2
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   620              5050              6605              1783              1097
                POINT SOURCES                 4994             10008             18772              3071              3207

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                     4                22                 7                 0                 2
            RESIDUAL OIL
                AREA SOURCES                   280              2845               821                16                74
                POINT SOURCES                    0                 4                 1                 0                 0
            DISTILLATE OIL
                AREA SOURCES                    23               854               238                 2                60
                POINT SOURCES                    6                85                77                 2                 5
            NATURAL GAS
                AREA SOURCES                    17                 2               558                29               113
                POINT SOURCES                    0                 0                17                 1                 4
```

```
*** E06 ***                                                                                                *** E06 ***
          POINT SOURCES               588          1154           383            82          1243
      BITUMINOUS COAL
          AREA SOURCES                116           856           124             6            74
      RESIDUAL OIL
          POINT SOURCES               535          7087          5074           104           462
      DISTILLATE OIL
          AREA SOURCES                 50           731           508             9           127
          POINT SOURCES                52          2433           515             9           129
      NATURAL GAS
          AREA SOURCES                 64            13          2121           112           423
          POINT SOURCES                14             3          2359             8           185
      TOTAL (COMM-INST)
          AREA SOURCES               1152          4651          3848           136           690
          POINT SOURCES              1189         10677          8331           203          2019

    TOTAL (EXTERNAL COMB)
          AREA SOURCES               5555         11838         24342         11497         27319
          POINT SOURCES              6318         77892         38783           476          4638

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                  146           424          1967           138           446
      TOTAL (ELEC GEN)                146           424          1967           138           446

    INDUSTRIAL FUEL

      DISTILLATE OIL                    0             3             5             0             1
      NATURAL GAS                      10             1          2932            70           370
      TOTAL (INDUSTRIAL)               10             4          2937            70           371

    TOTAL (INTERNAL COMB)             156           428          4906           208           817

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES               5555         11838         24342         11497         27319
          POINT SOURCES              6474         78320         43687           684          5455

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING             1482          2056            37          5026             1
  FOOD/AGRICULTURAL                  1700            25            53            11             8
  PRIMARY METAL                      9263          2920           444          2956         52563
  SECONDARY METALS                    340           496             8             7          3629
  MINERAL PRODUCTS                  11917           267           566           250           312
  PETROLEUM INDUSTRY                 1458         38816         12610          7941          1999
  WOOD PRODUCTS                        99             0             0            77             0
  ORGANIC SOLVENT EVAPORATION          41            52            25         44977             5
  PETROLEUM STORAGE/TRANSPORT           0             0             0         10465             0
  METAL FABRICATION                   224             0            27           117             0
  TEXTILE MANUFACTURING                34             0             1           111             0
  OTHER/NOT CLASSIFIED                 86           136            41          1895             4
  TOTAL (INDUSTRIAL)                26644         44768         13812         73833         58521

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    MUNICIPAL INCINERATION            545           568           682           342          7955
    OTHER INCINERATION                 56            24           118            24             0
    TOTAL (GOVERNMENT)                601           592           800           366          7955

  RESIDENTIAL (AREA)
```

```
*** E07 ***                                                                                                            *** E07 ***
                AREA SOURCES                 172               575               206                 0                11
                POINT SOURCES                 33               428               134                 0                 8
            BITUMINOUS COAL
                AREA SOURCES                  23               157                24                 0                13
                POINT SOURCES                438              2688               464                 8               321
            RESIDUAL OIL
                POINT SOURCES                  6               179                28                 0                 2
            DISTILLATE OIL
                AREA SOURCES                  19               263               185                 0                43
                POINT SOURCES                  1                25                 4                 0                 0
            NATURAL GAS
                AREA SOURCES                   9                 0               382                21                77
                POINT SOURCES                  2                 0               103                 2                26
            TOTAL (COMM-INST)
                AREA SOURCES                 223               995               797                21               144
                POINT SOURCES                480              3320               733                10               357

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               18083              7246              9297             36703            112728
                POINT SOURCES               5527            204446             58794               288              3472

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     4                 4                53                 4                12
            TOTAL (ELEC GEN)                   4                 4                53                 4                12

        INDUSTRIAL FUEL

            NATURAL GAS                       20                 1              2749                67               421
            TOTAL (INDUSTRIAL)                20                 1              2749                67               421

        TOTAL (INTERNAL COMB)                 24                 5              2802                71               433

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               18083              7246              9297             36703            112728
                POINT SOURCES               5551            204451             61596               359              3905

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    13               141                 2               407                 0
    FOOD/AGRICULTURAL                         23                 0                 0                 0                 0
    PRIMARY METAL                           1004               776                54               533              7131
    SECONDARY METALS                         192                 9                20                 5               674
    MINERAL PRODUCTS                        6477              1348              1545               303               609
    WOOD PRODUCTS                            634               175                34                 0              1064
    ORGANIC SOLVENT EVAPORATION              129                 0                 0              4779                 0
    PETROLEUM STORAGE/TRANSPORT                1                 0                 0              2039                 0
    METAL FABRICATION                        377                 0                 0                66                 0
    TEXTILE MANUFACTURING                     26                 0                 0               569                 0
    OTHER/NOT CLASSIFIED                       0              2207                 0                 0                 0
    TOTAL (INDUSTRIAL)                      8876              4656              1655              8701              9478

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

            OTHER INCINERATION                 2                 2                 8                 2                 0
            TOTAL (GOVERNMENT)                 2                 2                 8                 2                 0

    RESIDENTIAL (AREA)
```

```
                 POINT SOURCES            199           0           0           0           0
             TOTAL (COMM-INST)
                  AREA SOURCES             75         766        1041          23         208
                 POINT SOURCES           1133       13029        2536          50         278

         TOTAL (EXTERNAL COMB)
                  AREA SOURCES            646       11746        3189          48         552
                 POINT SOURCES          27615      273853       59534        1586        7290

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL              1937       12472       26203         612        1960
             TOTAL (ELEC GEN)            1937       12472       26203         612        1960

         INDUSTRIAL FUEL

             DISTILLATE OIL                31         237         429          30          96
             NATURAL GAS                   51           3       13031          20        1725
             TOTAL (INDUSTRIAL)            82         240       13460          50        1821

         COMM-INSTITUTIONAL

             TOTAL (COMM-INST)              0           0           7           0           1

         TOTAL (INTERNAL COMB)           2019       12712       39670         662        3782

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES            646       11746        3189          48         552
                 POINT SOURCES          29634      286565       99204        2248       11072

 INDUSTRIAL PROCESS (POINT)
 **************************

     CHEMICAL MANUFACTURING               171          88           0         820           0
     FOOD/AGRICULTURAL                     96           0           0          35           1
     PRIMARY METAL                        450           0           0           0         162
     SECONDARY METALS                     436         149         139           7           8
     MINERAL PRODUCTS                   30273        8067        1884           7          52
     PETROLEUM INDUSTRY                  2983       35560       26669        1107       21864
     ORGANIC SOLVENT EVAPORATION            0           0           0        2694           0
     PETROLEUM STORAGE/TRANSPORT            0         128           0        7694           0
     OTHER/NOT CLASSIFIED                  57        8413           0          13           0
     TOTAL (INDUSTRIAL)                 34466       52405       28692       12377       22087

 SOLID WASTE DISPOSAL
 ********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION             0           1           1           0          10
         OPEN BURNING                       2           0           1           3           9
         OTHER INCINERATION                42           8          42           8           0
         TOTAL (GOVERNMENT)                44           9          44          11          19

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 POINT SOURCES            199          57         129         361         607
         TOTAL (COMM-INST)
                 POINT SOURCES            199          57         129         361         607

     INDUSTRIAL
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE EMISSIONS REPORT                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 42:SOUTH CAROLINA                                          POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC            CO
                              ************  ************  ************  ************  ************
                               TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            141           435            26            96           835
            DISTILLATE OIL             104          1198           746            25           207
            NATURAL GAS                 34             5          1315            70           264
            WOOD                     11895           124           943         24699         73413
            TOTAL (RESIDENTIAL)      12174          1762          3030         24890         74719

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          11327        206832        114174           304          2604
            RESIDUAL OIL              2419         11683          2311            26           172
            DISTILLATE OIL               1           106            65             0            14
            NATURAL GAS                  2             0          1011             3            74
            TOTAL (ELEC GEN)         13749        218621        117561           333          2864

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         5225         35314         21825            71          2073
            RESIDUAL OIL
                POINT SOURCES         2775         46099          7574            39           684
            DISTILLATE OIL
                POINT SOURCES           34          1187           356           243            89
            NATURAL GAS
                AREA SOURCES            78            12         10266          2469          1218
                POINT SOURCES           46             7          3956            42           585
            PROCESS GAS
                POINT SOURCES            0             1             0             0             0
            WOOD
                POINT SOURCES         2567           115          1246          1270          2950
            LIQUID PETROL GAS
                POINT SOURCES            0             0             3             0             0
            OTHER
                POINT SOURCES           15             0             0             0             0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            78            12         10266          2469          1218
                POINT SOURCES        10662         82723         34960          1665          6381

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            78           261            93             0             3
            BITUMINOUS COAL
```

```
*** E10 ***                                                                                               *** E10 ***
          HEAVY DUTY VEHICLES            354         178        1605         189         570
          OFF HIGHWAY                     47          37         437          67         133
          RAIL                            15          34         216          52          74
          TOTAL (DIESEL)                 416         249        2258         308         777

   AIRCRAFT

      CIVIL                                0           0           4          12         248
      TOTAL (AIRCRAFT)                     0           0           4          12         248

   VESSELS

      GASOLINE                             0           1           7         138         496
      TOTAL (VESSELS)                      0           1           7         138         496

   TOTAL (TRANSPORTATION)               5095         526        8351        7198       65258

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      173           2          40         196        1428
   FOREST MANAGED BURNING                513           3         103         367        2873
   STRUCTURAL FIRES                       53           0           5          39         218
   GASOLINE STA EVAP LOSS                  0           0           0         877           0
   SOLVENT EVAPORATION LOSS                0           0           0        3288           0
   UNPAVED ROADS                       11473           0           0           0           0
   TOTAL (MISCELLANEOUS)               12212           5         148        4767        4519

GRAND TOTAL
***********

   AREA SOURCES                        18234         806        9668       13873       75160

   POINT SOURCES                        3908       15664        6819       14152        7919

   TOTAL                               22142       16470       16487       28025       83079
```

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*** E11 ***                                                                                                                *** E11 ***
             NATURAL GAS
                 AREA SOURCES                  1                 0                74                 3                14
             TOTAL (COMM-INST)
                 AREA SOURCES                 20               105               118                 3                26
                 POINT SOURCES                 0                 4                 1                 0                 0

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES               2043               338              1785              4463             12559
                 POINT SOURCES              4636             20840              7467               458              1811

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                   23               193               312                22                71
             TOTAL (ELEC GEN)                 23               193               312                22                71

         TOTAL (INTERNAL COMB)                23               193               312                22                71

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES               2043               338              1785              4463             12559
                 POINT SOURCES              4659             21033              7779               480              1882

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   17                 0                 0               410                 0
     FOOD/AGRICULTURAL                        12                 0                 0                 0                 0
     PRIMARY METAL                            93                 0                 0                 0              3330
     MINERAL PRODUCTS                        728                54                70                62                33
     WOOD PRODUCTS                           250               616               228               541              4674
     ORGANIC SOLVENT EVAPORATION               0                 0                 0              3550                 0
     METAL FABRICATION                         0                 0                 0               301                 0
     TEXTILE MANUFACTURING                     0                 0                 0              1137                 0
     TOTAL (INDUSTRIAL)                     1100               670               298              6001              8037

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION                171                 2                 7               478              1633
         OPEN BURNING                        781                29               200              1054              3344
         TOTAL (RESIDENTIAL)                 952                31               207              1532              4777

     COMMERCIAL-INSTITUTIONAL

         OPEN BURNING
                 AREA SOURCES                 10                 0                 3                19                46
         TOTAL (COMM-INST)
                 AREA SOURCES                 10                 0                 3                19                46

     INDUSTRIAL

         ON SITE INCINERATION
                 POINT SOURCES                 2                 0                 0                 3                10
         OPEN BURNING
                 AREA SOURCES                  8                 0                 4                12                40
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                  8                 0                 4                12                40
                 POINT SOURCES                 2                 0                 0                 3                10

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                970                31               214              1563              4863
                 POINT SOURCES                 2                 0                 0                 3                10
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT                                                         RUN DATE:     MONDAY  NOVEMBER 28, 1983
**************************                                         AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE 43:SOUTH DAKOTA                                             POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                16              49               0               7              88
            DISTILLATE OIL                 33             427             271               2              73
            NATURAL GAS                    16               2             716              29             142
            WOOD                         1069               9              82            2219            6592
            TOTAL (RESIDENTIAL)          1132             487            1067            2257            6895

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              1128            4352            1005               5             270
            LIGNITE                      5050           21810           20333              88            1227
            RESIDUAL OIL                    0               2             112               0               0
            DISTILLATE OIL                  0              37              25               0               5
            NATURAL GAS                     0               0             898               0               1
            PROCESS GAS                     0               0              29               1               7
            TOTAL (ELEC GEN)             6178           26201           22402              94            1510

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              599            3287            1599               2             204
            RESIDUAL OIL
                AREA SOURCES                3              62              14               0               1
                POINT SOURCES              29             385              73               0               7
            DISTILLATE OIL
                AREA SOURCES                3              51              58               1              12
            NATURAL GAS
                POINT SOURCES               2               0             152               1              20
            WOOD
                POINT SOURCES              16               0               3               3               8
            TOTAL (INDUSTRIAL)
                AREA SOURCES              605            3600            1671               3             217
                POINT SOURCES              45             385             228               4              35

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               51             223              54               1              25
            LIGNITE
                POINT SOURCES             213             847             110               1             104
            RESIDUAL OIL
                AREA SOURCES                0              50               7               0               0
            DISTILLATE OIL
                AREA SOURCES                4             128              96               0              11
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                                         NATIONAL EMISSIONS DATA SYSTEM
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                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
*****************************                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:43 SOUTH DAKOTA    AQCR:206 SOUTH DAKOTA                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                               PARTICULATES         SOX            NOX            VOC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             10             38              0              4             66
            DISTILLATE OIL              28            356            227              1             62
            NATURAL GAS                  6              0            359             11             72
            WOOD                       708              6             54           1468           4363
            TOTAL (RESIDENTIAL)        752            400            640           1484           4563

        ELEC GENERATION (POINT)

            LIGNITE                   3113          20883          19947             83            841
            DISTILLATE OIL               0             20             15              0              3
            PROCESS GAS                  0              0             29              1              7
            TOTAL (ELEC GEN)          3113          20903          19991             84            851

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           292           1611            781              0            100
            RESIDUAL OIL
                AREA SOURCES             1             30              7              0              0
                POINT SOURCES            5             61              7              0              1
            DISTILLATE OIL
                AREA SOURCES             0             18             20              0              4
            NATURAL GAS
                POINT SOURCES            1              0            108              0              9
            TOTAL (INDUSTRIAL)
                AREA SOURCES           293           1659            808              0            104
                POINT SOURCES            6             61            115              0             10

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            26            125             24              0             10
            LIGNITE
                POINT SOURCES           13            500             35              0             29
            RESIDUAL OIL
                AREA SOURCES             0             43              6              0              0
            DISTILLATE OIL
                AREA SOURCES             4            112             86              0             10
            NATURAL GAS
                AREA SOURCES             2              0            189              7             30
                POINT SOURCES            0              0             10              0              2
            TOTAL (COMM-INST)
                AREA SOURCES            32            280            305              7             50
```

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   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              15743            469           9710          13746         148685
         LIGHT DUTY TRUCKS                 2916            118           2290           3206          30463
         HEAVY DUTY VEHICLES                988             67           1997           3036          47283
         OFF HIGHWAY                         39             21            436           1160          14661
         TOTAL (GASOLINE)                 19686            675          14433          21148         241092

      DIESEL

         HEAVY DUTY VEHICLES               3900           1478          13656           2136           6648
         OFF HIGHWAY                         58             45            543             83            164
         RAIL                               264            602           3909            949           1373
         TOTAL (DIESEL)                    4222           2125          18108           3168           8185

   AIRCRAFT

      MILITARY                               95              6             49            112            230
      CIVIL                                   3              2             13             41            812
      COMMERCIAL                             38             88            919            814           2529
      TOTAL (AIRCRAFT)                      136             96            981            967           3571

   VESSELS

      DIESEL FUEL                           152            191           1422            356            498
      GASOLINE                                0              1              6            134            478
      TOTAL (VESSELS)                       152            192           1428            490            976

   TOTAL (TRANSPORTATION)                 24196           3088          34950          25773         253824

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          61              1             14             69            500
   FOREST MANAGED BURNING                   101              1             20             72            566
   STRUCTURAL FIRES                         206              0             19            155            840
   GASOLINE STA EVAP LOSS                     0              0              0           4123              0
   SOLVENT EVAPORATION LOSS                   0              0              0          14181              0
   UNPAVED ROADS                           6581              0              0              0              0
   TOTAL (MISCELLANEOUS)                   6949              2             53          18600           1906

GRAND TOTAL
***********

   AREA SOURCES                           32586           7151          42067          47601         261480

   POINT SOURCES                           4121          91447          36508          15680          28779

   TOTAL                                  36707          98598          78575          63281         290259
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SELECT CARD = <44    209                                                              45>
STATE 44 COUNTY 2120 NOT FOUND IN POINT FILE
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                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                             AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:106 SOUTHERN LOUISIANA-SOUTHEAST T        POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                    16               1             537              26             108
         WOOD                         1529              16             121            3173            9428
         TOTAL (RESIDENTIAL)          1545              17             658            3199            9536

      ELEC GENERATION (POINT)

         NATURAL GAS                   344              38           17980              89            2256
         PROCESS GAS                     0               1            1835               0               0
         OTHER                         199               2             163              28              67
         TOTAL (ELEC GEN)              543              41           19978             117            2323

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               782            4565            1134               3             145
         RESIDUAL OIL
            AREA SOURCES               757           11787            2166              13             195
            POINT SOURCES                1               8               6               0               0
         DISTILLATE OIL
            AREA SOURCES                42             642             484              16             115
            POINT SOURCES               81              99             130               0               8
         NATURAL GAS
            AREA SOURCES                70              13           51552           20405            6985
            POINT SOURCES              767              41           23005              38            1033
         PROCESS GAS
            POINT SOURCES             2799           23609            6731            4672             321
         WOOD
            POINT SOURCES             4037              31             398             395             963
         OTHER
            POINT SOURCES              386             728             123               1               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              1651           17007           55336           20437            7440
            POINT SOURCES             8071           24516           30393            5106            2325

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES                 7               1             251              10              49
         TOTAL (COMM-INST)
            AREA SOURCES                 7               1             251              10              49

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              3203           17025           56245           23646           17025
```

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SELECT CARD = <45    212                                                                                     45>
STATE 45 COUNTY 0690 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1170 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1770 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2190 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2270 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3190 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3460 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3650 NOT FOUND IN POINT FILE
STATE 45 COUNTY 5410 NOT FOUND IN POINT FILE
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                                              NATIONAL EMISSIONS DATA SYSTEM
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                                             ENVIRONMENTAL PROTECTION AGENCY
                                            *********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:215 METROPOLITAN DALLAS-FORT WORTH       POINT EMISSIONS AS OF:    MONDAY        JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                2              8              0              1             11
         DISTILLATE OIL                 1             24              9              0              2
         NATURAL GAS                   86             15           2857            152            572
         WOOD                        1374             14            109           2849           8466
         TOTAL (RESIDENTIAL)         1463             61           2975           3002           9051

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  57             46            210              1             15
         DISTILLATE OIL                10             29             58              0             12
         NATURAL GAS                  673             72          38084            125           3099
         TOTAL (ELEC GEN)             740            147          38352            126           3126

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             6114          35724           8886             31           1145
         RESIDUAL OIL
            AREA SOURCES             4039          63526          11567             62           1053
         DISTILLATE OIL
            AREA SOURCES              265           4012           3019            104            715
         NATURAL GAS
            AREA SOURCES              628            125         458320         181413          62116
            POINT SOURCES              52              6            582              7             42
         PROCESS GAS
            POINT SOURCES               6            361             77              2             12
         WOOD
            POINT SOURCES              38              1              6              7             17
         OTHER
            POINT SOURCES               2              0              2              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES            11066         103387         481792         181610          65029
            POINT SOURCES              98            368            667             16             71

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES               60             11           2093            110            418
            POINT SOURCES               2              0             33              1              6
         TOTAL (COMM-INST)
            AREA SOURCES               60             11           2093            110            418
            POINT SOURCES               2              0             33              1              6
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*** F01 ***                                                                                              *** F01 ***
         TOTAL (DIESEL)                     765            601           5296            812           1723

    AIRCRAFT

        CIVIL                                 0              0              7             22            453
        TOTAL (AIRCRAFT)                      0              0              7             22            453

    VESSELS

        GASOLINE                              0              3             23            513           1830
        TOTAL (VESSELS)                       0              3             23            513           1830

    TOTAL (TRANSPORTATION)                 5334            916          12544           8767          77409

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1515             13            356           1710          12471
    STRUCTURAL FIRES                         64              0              8             47            261
    GASOLINE STA EVAP LOSS                    0              0              0           1121              0
    SOLVENT EVAPORATION LOSS                  0              0              0           5454              0
    UNPAVED ROADS                         25271              0              0              0              0
    TOTAL (MISCELLANEOUS)                 26850             13            364           8332          12732

GRAND TOTAL
***********

    AREA SOURCES                          39937           1277          15064          33297         137664

    POINT SOURCES                          2029          30863           8193            451           2155

    TOTAL                                 41966          32140          23257          33748         139819
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*** F02 ***                                                                                  *** F02 ***
INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                         176          0            0            0            0
    WOOD PRODUCTS                           1319       1764          482            1        13564
    TOTAL (INDUSTRIAL)                      1495       1764          482            1        13564

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   8          0            0           23           69
        OPEN BURNING                          81          3           21          109          345
        TOTAL (RESIDENTIAL)                   89          3           21          132          414

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                 16          0            0            0            0
        TOTAL (COMM-INST)
                POINT SOURCES                 16          0            0            0            0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  89          3           21          132          414
                POINT SOURCES                 16          0            0            0            0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              636         38          861          853         7523
            LIGHT DUTY TRUCKS                122         10          196          197         1522
            HEAVY DUTY VEHICLES              119         14          458          403         6497
            OFF HIGHWAY                        2          1           23           60          760
            TOTAL (GASOLINE)                 879         63         1538         1513        16302

        DIESEL

            HEAVY DUTY VEHICLES              140         75          662           72          218
            OFF HIGHWAY                       24         19          226           34           68
            RAIL                              10         24          154           37           54
            TOTAL (DIESEL)                   174        118         1042          143          340

    AIRCRAFT

        CIVIL                                  0          0            2            5           95
        TOTAL (AIRCRAFT)                       0          0            2            5           95

    VESSELS

        GASOLINE                               0          2            9          198          705
        TOTAL (VESSELS)                        0          2            9          198          705

    TOTAL (TRANSPORTATION)                  1053        183         2591         1859        17442

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         751          7          177          848         6184
    FOREST MANAGED BURNING                   912          7          182          652         5109
    STRUCTURAL FIRES                           8          0            1            6           33
    GASOLINE STA EVAP LOSS                     0          0            0           84            0
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
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                                                                              RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
***************************                                       POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983
STATE:37 OKLAHOMA       AQCR:187 NORTHWESTERN OKLAHOMA

                             PARTICULATES        SOX             NOX             VOC             CO
                             ************   ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              3              15               1               2              18
            DISTILLATE OIL               0               7               2               0               0
            NATURAL GAS                  5               0             202              10              41
            WOOD                       338               3              27             697            2073
            TOTAL (RESIDENTIAL)        346              25             232             709            2132

        ELEC GENERATION (POINT)

            NATURAL GAS                 18               3            2464               8             126
            TOTAL (ELEC GEN)            18               3            2464               8             126

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            10             104              22               0               2
            RESIDUAL OIL
                AREA SOURCES             0               2               0               0               0
                POINT SOURCES            0               0               1               0               0
            DISTILLATE OIL
                AREA SOURCES             4              41              45               0               9
            NATURAL GAS
                AREA SOURCES             5               0            2786            1064             371
                POINT SOURCES            0               0              27               0               3
            TOTAL (INDUSTRIAL)
                AREA SOURCES            19             147            2853            1064             382
                POINT SOURCES            0               0              28               0               3

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES             0               9               7               0               0
            NATURAL GAS
                AREA SOURCES             0               0              47               2               7
            TOTAL (COMM-INST)
                AREA SOURCES             0               9              54               2               7

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           365             181            3139            1775            2521
                POINT SOURCES           18               3            2492               8             129

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL
```

```
*** F04 ***
    STRUCTURAL FIRES                     599             0            55           448          2435
    GASOLINE STA EVAP LOSS                 0             0             0         11896             0
    SOLVENT EVAPORATION LOSS               0             0             0         32512             0
    UNPAVED ROADS                    1638457             0             0             0             0
    UNPAVED AIRSTRIPS                    283             0             0             0             0
    TOTAL (MISCELLANEOUS)            1705259           508         14187        106103        460410

GRAND TOTAL
***********

    AREA SOURCES                     1806684         32143        172456        263378       1540534

    POINT SOURCES                      38320         34827         66321         29422         50094

    TOTAL                            1845004         66970        238777        292800       1590628
```

```
            OTHER
                POINT SOURCES                  0                 0                 2                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                 324              3723              1624                47               249
                POINT SOURCES                  6                89                97                 3                 9

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                8565             11945             10321             17445             47947
                POINT SOURCES               5000             10097             18869              3074              3216

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     7                64               160                 0                 8
            NATURAL GAS                        8                 5                42                 2                 2
            TOTAL (ELEC GEN)                  15                69               202                 2                10

        TOTAL (INTERNAL COMB)                 15                69               202                 2                10

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                8565             11945             10321             17445             47947
                POINT SOURCES               5015             10166             19071              3076              3226

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               143                25                39               997              8981
    FOOD/AGRICULTURAL                    359              1196                 0                 4                 0
    PRIMARY METAL                        757              3396                 0                 0             11854
    SECONDARY METALS                     330               938                26               235              3478
    MINERAL PRODUCTS                    2138               161                87                 7                 2
    PETROLEUM INDUSTRY                     1                 0                 0                 0                 0
    WOOD PRODUCTS                       5722              3004              7607               936              6359
    ORGANIC SOLVENT EVAPORATION           36                 0                 5              5982                18
    PETROLEUM STORAGE/TRANSPORT            0                 0                 0              5092                 0
    METAL FABRICATION                      6                 0                 0                 2                 0
    OTHER/NOT CLASSIFIED                 617               642               828              2079                87
    TOTAL (INDUSTRIAL)                 10109              9362              8592             15334             30779

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            32                 0                66                13                13
        TOTAL (GOVERNMENT)                32                 0                66                13                13

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            2334                37                73              6565             19697
        OPEN BURNING                    2259                85               578              3048              9667
        TOTAL (RESIDENTIAL)             4593               122               651              9613             29364

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  17                 3                 8                10                23
                POINT SOURCES                 47                 2                11                18                23
        OPEN BURNING
                AREA SOURCES                   9                 0                 2                16                38
        TOTAL (COMM-INST)
                AREA SOURCES                  26                 3                10                26                61
                POINT SOURCES                 47                 2                11                18                23
        ON SITE INCINERATION              296            5           9          832         2497
        OPEN BURNING                     1718           63         440         2317         7346
        TOTAL (RESIDENTIAL)              2014           68         449         3149         9843

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              125           40          59           72          171
                POINT SOURCES               4            4           5            5           16
        TOTAL (COMM-INST)
                AREA SOURCES              125           40          59           72          171
                POINT SOURCES               4            4           5            5           16

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               91           18          18           83          124
                POINT SOURCES              20           68          87           21          243
        TOTAL (INDUSTRIAL)
                AREA SOURCES               91           18          18           83          124
                POINT SOURCES              20           68          87           21          243

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             2230          126         526         3304        10138
                POINT SOURCES             625          664         892          392         8214

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         59813         1911       41146        57929       617773
            LIGHT DUTY TRUCKS            7804          348        6960         9384        88487
            HEAVY DUTY VEHICLES          3145          228        6892         9770       152676
            OFF HIGHWAY                   183           97        2023         5379        68012
            TOTAL (GASOLINE)            70945         2584       57021        82462       926948

        DIESEL

            HEAVY DUTY VEHICLES          7909         3146       28916         4312        13369
            OFF HIGHWAY                   676          530        6363          970         1923
            RAIL                          483         1099        7132         1732         2506
            TOTAL (DIESEL)               9068         4775       42411         7014        17798

    AIRCRAFT

        MILITARY                          289           18         148          339          701
        CIVIL                              15            9          68          212         4226
        COMMERCIAL                         63          147        1523         1350         4193
        TOTAL (AIRCRAFT)                  367          174        1739         1901         9120

    VESSELS

        DIESEL FUEL                        45           56         421          105          147
        RESIDUAL OIL                      132         1735         285           16           10
        GASOLINE                            0            4          29          637         2271
        TOTAL (VESSELS)                   177         1795         735          758         2428

    TOTAL (TRANSPORTATION)              80557         9328      101906        92135       956294

MISCELLANEOUS (AREA)
********************
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```
*** F07 ***                                                                                                   *** F07 ***
          ON SITE INCINERATION                     16              0              0             47            139
          OPEN BURNING                           2466             93            632           3327          10553
          TOTAL (RESIDENTIAL)                    2482             93            632           3374          10692

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES                    6              1              3              3              9
                    POINT SOURCES                  51              1              3              1              0
          TOTAL (COMM-INST)
                    AREA SOURCES                    6              1              3              3              9
                    POINT SOURCES                  51              1              3              1              0

     INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES                    4              0              0              4              8
                    POINT SOURCES                  35             10             35             25             82
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                    4              0              0              4              8
                    POINT SOURCES                  35             10             35             25             82

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES                 2492             94            635           3381          10709
                    POINT SOURCES                  88             13             46             28             82

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES              12499            674          14730          15192         141971
               LIGHT DUTY TRUCKS                 4214            312           6600           6594          53824
               HEAVY DUTY VEHICLES                919             98           3244           3075          49279
               OFF HIGHWAY                         54             29            619           1648          20821
               TOTAL (GASOLINE)                 17686           1113          25193          26509         265895

          DIESEL

               HEAVY DUTY VEHICLES               2885           1481          13281           1530           4626
               OFF HIGHWAY                        291            228           2745            418            830
               RAIL                               143            327           2105            510            740
               TOTAL (DIESEL)                    3319           2036          18131           2458           6196

     AIRCRAFT

          MILITARY                                140              9             72            165            340
          CIVIL                                     7              4             42            123           2433
          COMMERCIAL                                3              7             71             63            196
          TOTAL (AIRCRAFT)                        150             20            185            351           2969

     VESSELS

          GASOLINE                                  0              5             40            896           3192
          TOTAL (VESSELS)                           0              5             40            896           3192

     TOTAL (TRANSPORTATION)                     21155           3174          43549          30214         278252

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                             291              0             69            329           2397
     STRUCTURAL FIRES                             294              0             27            220           1199
     GASOLINE STA EVAP LOSS                         0              0              0           4243              0
```

```
      ON SITE INCINERATION
              POINT SOURCES              13            7            6           34           14
      OPEN BURNING
              POINT SOURCES             191           11           67          334          951
      TOTAL (INDUSTRIAL)
              POINT SOURCES             204           18           73          368          965

   TOTAL (SOLID WASTE DISP)
              POINT SOURCES             447           84          246          740         1591

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          20092          876        19146        22443       209939
         LIGHT DUTY TRUCKS             3819          226         4423         5212        43049
         HEAVY DUTY VEHICLES             46            7          209          159         2589
         OFF HIGHWAY                      2            1           19           50          635
         TOTAL (GASOLINE)             23959         1110        23797        27864       256212

      DIESEL

         HEAVY DUTY VEHICLES           1599          717         6517          859         2641
         OFF HIGHWAY                     14           11          129           20           39
         RAIL                             2            4           28            7           10
         TOTAL (DIESEL)                1615          732         6674          886         2690

   AIRCRAFT

      MILITARY                          425           27          218          500         1031
      CIVIL                               3            0           11           35          704
      COMMERCIAL                         78          181         1887         1671         5195
      TOTAL (AIRCRAFT)                  506          208         2116         2206         6930

   VESSELS

      RESIDUAL OIL                      315         4140          679           40           21
      GASOLINE                            0            0            2           47          166
      TOTAL (VESSELS)                   315         4140          681           87          187

   TOTAL (TRANSPORTATION)             26395         6190        33268        31043       266019

MISCELLANEOUS (AREA)
********************

   FOREST MANAGED BURNING             20164          151         4034        14416       112916
   AGRICULTURAL BURNING                4443            0          631         4097        29531
   STRUCTURAL FIRES                     774            0           76          580         3158
   GASOLINE STA EVAP LOSS                 0            0            0         4089            0
   SOLVENT EVAPORATION LOSS               0            0            0         4433            0
   TOTAL (MISCELLANEOUS)              25381          151         4741        27615       145605

GRAND TOTAL
***********

   AREA SOURCES                       52422        18087        41198        58706       412176

   POINT SOURCES                      64547       339054       128142        15365        34750

   TOTAL                             116969       357141       169340        74071       446926
```

```
          AREA SOURCES              140         583         128           3          79
          POINT SOURCES             429        1665         238           2         167
        RESIDUAL OIL
          POINT SOURCES              58         779         136           2          12
        DISTILLATE OIL
          AREA SOURCES               13         265         188           0          45
          POINT SOURCES              10         218         106           1          27
        NATURAL GAS
          AREA SOURCES               26           3         948          42         190
          POINT SOURCES               1           0          44           1          10
        WOOD
          POINT SOURCES             303           6          31          78         184
        TOTAL (COMM-INST)
          AREA SOURCES              257        1112        1357          45         317
          POINT SOURCES             801        2668         555          84         400

      TOTAL (EXTERNAL COMB)
          AREA SOURCES            12509        2886       14653       27404       76254
          POINT SOURCES           25212      304012      153076        2082        9645

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL               32         271         440          31         101
        NATURAL GAS                  11           0         271           8          75
        TOTAL (ELEC GEN)             43         271         711          39         176

      ENGINE-TESTING

        TOTAL (ENG TESTNG)            2           1          13           1           3

      TOTAL (INTERNAL COMB)          45         272         724          40         179

    TOTAL (FUEL COMBUSTION)

          AREA SOURCES            12509        2886       14653       27404       76254
          POINT SOURCES           25257      304284      153800        2122        9824

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING          538        1531        1204       26666       10950
    FOOD/AGRICULTURAL               427           0           0          66           0
    PRIMARY METAL                   321           0           0           0        3330
    SECONDARY METALS                299           9          87           0         662
    MINERAL PRODUCTS              22157       15460        4958         579         453
    WOOD PRODUCTS                  4275        4351        1850        1294       36556
    ORGANIC SOLVENT EVAPORATION       0           0           0      173178           0
    PETROLEUM STORAGE/TRANSPORT       0           0           0        2256           0
    METAL FABRICATION                17           0           0         907           0
    TEXTILE MANUFACTURING             5           0           0       11180           0
    OTHER/NOT CLASSIFIED            136        1372        1114         419         136
    TOTAL (INDUSTRIAL)            28175       22723        9213      216545       52087

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION        7           0           0           6           8
        OTHER INCINERATION           72           2          12           2           0
        TOTAL (GOVERNMENT)           79           2          12           8           8

    RESIDENTIAL (AREA)
```

```
*** F10 ***                                                                                                   *** F10 ***
SELECT CARD = <42    198                                                                       45>
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```
*** F11 ***                                                                                    *** F11 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             4625         252        5420        5650       51219
         LIGHT DUTY TRUCKS               1144          83        1698        1769       14001
         HEAVY DUTY VEHICLES              229          25         786         742       11906
         OFF HIGHWAY                       17           9         196         520        6567
         TOTAL (GASOLINE)                6015         369        8100        8681       83693

      DIESEL

         HEAVY DUTY VEHICLES              863         437        3931         457        1387
         OFF HIGHWAY                      101          80         957         146         288
         RAIL                              20          47         300          74         106
         TOTAL (DIESEL)                   984         564        5188         677        1781

   AIRCRAFT

      MILITARY                             28           2          14          33          68
      CIVIL                                 1           0           7          21         447
      COMMERCIAL                            2           5          52          46         143
      TOTAL (AIRCRAFT)                     31           7          73         100         658

   VESSELS

      GASOLINE                              0           0           6          70         253
      TOTAL (VESSELS)                       0           0           6          70         253

   TOTAL (TRANSPORTATION)                7030         940       13365        9528       86385

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      1545          14         364        1765       12724
   FOREST MANAGED BURNING                1385          11         277         992        7763
   STRUCTURAL FIRES                        76           0           7          55         305
   GASOLINE STA EVAP LOSS                   0           0           0        1430           0
   SOLVENT EVAPORATION LOSS                 0           0           0        5486           0
   UNPAVED ROADS                        23369           0           0           0           0
   TOTAL (MISCELLANEOUS)                26375          25         648        9708       20792

GRAND TOTAL
***********

   AREA SOURCES                         36 18        1334       16012       25262      124599

   POINT SOURCES                         5761       21703        8077        6484        9929

   TOTAL                                42179       23037       24089       31746      134528
```

```
              POINT SOURCES                 9           348            93             2            23
          NATURAL GAS
              AREA SOURCES                  7             1           374            16            66
              POINT SOURCES                 1             0           279             1            22
          TOTAL (COMM-INST)
              AREA SOURCES                 62           402           531            17           102
              POINT SOURCES               223          1195           482             4           149

      TOTAL (EXTERNAL COMB)
              AREA SOURCES               1799          4289          3269          2277          7214
              POINT SOURCES              6446         27781         23112           102          1694

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    0             0            10             0             1
          NATURAL GAS                       0             0            63             0             2
          TOTAL (ELEC GEN)                  0             0            73             0             3

      TOTAL (INTERNAL COMB)                 0             0            73             0             3

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES               1799          4289          3269          2277          7214
              POINT SOURCES              6446         27781         23185           102          1697

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    4687             0             0             0             0
    MINERAL PRODUCTS                    19265          3994          1138           161           129
    PETROLEUM STORAGE/TRANSPORT             0             0             0          1556             0
    TOTAL (INDUSTRIAL)                  23952          3994          1138          1717           129

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                       73             5            27           136           387
        TOTAL (GOVERNMENT)                 73             5            27           136           387

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              711             4            13          2013          6028
        OPEN BURNING                     1687            64           426          2266          7185
        TOTAL (RESIDENTIAL)              2398            68           439          4279         13213

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               38             8            18            23            79
        TOTAL (COMM-INST)
                AREA SOURCES               38             8            18            23            79

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               31             3             3            30            54
                POINT SOURCES             692            10           105          1155         13648
        OPEN BURNING
                POINT SOURCES               0             0             0             0             1
        TOTAL (INDUSTRIAL)
                AREA SOURCES               31             3             3            30            54
                POINT SOURCES             692            10           105          1155         13649
```

```
*** F13 ***                                                                                                   *** F13 ***
                    POINT SOURCES                    13             500              45               0              31

          TOTAL (EXTERNAL COMB)
                    AREA SOURCES                   1077            2339            1753            1491            4717
                    POINT SOURCES                  3132           21464           20151              84             892

     INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

               DISTILLATE OIL                         0               0              10               0               1
               NATURAL GAS                            0               0              63               0               2
               TOTAL (ELEC GEN)                       0               0              73               0               3

          TOTAL (INTERNAL COMB)                       0               0              73               0               3

     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES                   1077            2339            1753            1491            4717
                    POINT SOURCES                  3132           21464           20224              84             895

INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                             4024               0               0               0               0
     MINERAL PRODUCTS                              8342              90              42              75              33
     PETROLEUM STORAGE/TRANSPORT                      0               0               0             672               0
     TOTAL (INDUSTRIAL)                           12366              90              42             747              33

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

          OPEN BURNING                               44               3              16              82             233
          TOTAL (GOVERNMENT)                         44               3              16              82             233

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                      444               1               6            1263            3781
          OPEN BURNING                             1266              48             319            1696            5382
          TOTAL (RESIDENTIAL)                      1710              49             325            2959            9163

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES                     16               3               7              10              46
          TOTAL (COMM-INST)
                    AREA SOURCES                     16               3               7              10              46

     INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES                     22               2               2              21              38
          OPEN BURNING
                    POINT SOURCES                     0               0               0               0               1
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                     22               2               2              21              38
                    POINT SOURCES                     0               0               0               0               1

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES                   1748              54             334            2990            9247
                    POINT SOURCES                    44               3              16              82             234

TRANSPORTATION (AREA)
********************
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*** F16 ***

*** F16 ***

SELECT CARD = <44   055   45>

```
                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

STATE/AQCR EMISSIONS REPORT                                                                  RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:44 TENNESSEE       AQCR:209 WESTERN TENNESSEE                             POINT EMISSIONS AS OF:    MONDAY         JULY 11, 1983

                                    PARTICULATES         SOX               NOX                VOC                CO
                                    ************     ************      ************      ************      ************
                                     TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    6                27                 0                 5                50
            DISTILLATE OIL                     0                 6                 3                 0                 0
            NATURAL GAS                       11                 0               404                21                79
            WOOD                           15161               162              1197             31475             93554
            TOTAL (RESIDENTIAL)            15178               195              1604             31501             93683

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 176               993               329                 0                43
                POINT SOURCES                 36               269                30                 6                61
            RESIDUAL OIL
                POINT SOURCES                940              1608               347                 5                41
            DISTILLATE OIL
                POINT SOURCES                 12                82                41                 3                12
            NATURAL GAS
                AREA SOURCES                   4                 0              1601               535               209
                POINT SOURCES                883                35              1388                59               178
            WOOD
                POINT SOURCES                529               159               791              1439              1619
            OTHER
                POINT SOURCES                  0                 0                 1                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 180               993              1930               535               252
                POINT SOURCES               2400              1953              2598              1512              1711

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                   8                33                 9                 0                 0
            BITUMINOUS COAL
                POINT SOURCES                 16               268                50                 3                17
            DISTILLATE OIL
                POINT SOURCES                  0                 4                 0                 0                 0
            NATURAL GAS
                AREA SOURCES                   1                 0                72                 1                12
                POINT SOURCES                  1                 3                27                 0                 3
            TOTAL (COMM-INST)
                AREA SOURCES                   9                33                81                 1                12
                POINT SOURCES                 17               275                77                 3                20

        TOTAL (EXTERNAL COMB)
```

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             POINT SOURCES          8614         24557         50371          5223          4648

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL                1             1            11             1             7
         NATURAL GAS                 139          1298          9133          1887           880
         GASOLINE                      0             0             0             4           141
         TOTAL (INDUSTRIAL)          140          1299          9144          1892          1028

      TOTAL (INTERNAL COMB)          140          1299          9144          1892          1028

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES           3203         17025         56245         23646         17025
             POINT SOURCES          8754         25856         59515          7115          5676

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            546          4240          1904         61101         58161
   FOOD/AGRICULTURAL                1642             0             0             0             0
   PRIMARY METAL                      86             0           170             0           954
   SECONDARY METALS                  323            22             8             0          2907
   MINERAL PRODUCTS                  923          1335           382             1             1
   PETROLEUM INDUSTRY               2434         34686         34939         34777          5209
   WOOD PRODUCTS                   24680          1662           279           352         10887
   ORGANIC SOLVENT EVAPORATION         3             0             0         11514             0
   PETROLEUM STORAGE/TRANSPORT        20             0             0         15334             0
   METAL FABRICATION                 227             0             0             0             0
   OTHER/NOT CLASSIFIED                0           478             0           256             0
   TOTAL (INDUSTRIAL)              30884         42423         37682        123335         78119

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION           159             1             3           451          1352
      OPEN BURNING                   511            18           134           695          2197
      TOTAL (RESIDENTIAL)            670            19           137          1146          3549

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
             AREA SOURCES             36             9            17            22            51
             POINT SOURCES            17             0             2            26           309
      OPEN BURNING
             AREA SOURCES              1             0             0             2             4
      TOTAL (COMM-INST)
             AREA SOURCES             37             9            17            24            55
             POINT SOURCES            17             0             2            26           309

   INDUSTRIAL

      ON SITE INCINERATION
             AREA SOURCES             20             2             2            19            34
             POINT SOURCES           520           527           386           660          6179
      OPEN BURNING
             AREA SOURCES             10             0             4            16            55
      TOTAL (INDUSTRIAL)
             AREA SOURCES             30             2             6            35            89
             POINT SOURCES           520           527           386           660          6179

   TOTAL (SOLID WASTE DISP)
```

```
                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                   ********************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                   *********************************

STATE/AQCR EMISSIONS REPORT                                                                  RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                                      AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
STATE:45 TEXAS           AQCR:212 AUSTIN-WACO                                   POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                                     PARTICULATES          SOX                NOX                VOC                CO
                                     ************      ************       ************       ************       ************
                                      TONS / YR         TONS / YR          TONS / YR          TONS / YR          TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    2                  7                  0                  1                 10
            DISTILLATE OIL                     0                  9                  1                  0                  0
            NATURAL GAS                       32                  6               1117                 62                224
            WOOD                            2234                 27                178               4634              13777
            TOTAL (RESIDENTIAL)             2268                 47               1296               4697              14011

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 7312              33275              55535                185               1586
            LIGNITE                         4337              47490              40295                201               2265
            RESIDUAL OIL                       3                 20                 25                  0                  0
            DISTILLATE OIL                     6                 63                 75                  1                 14
            NATURAL GAS                      669                 36              26400                 82                616
            TOTAL (ELEC GEN)               12327              80862             122330                469               4481

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                1363               7964               1982                  5                255
            LIGNITE
                POINT SOURCES              16200              43800               8589                 47                403
            RESIDUAL OIL
                AREA SOURCES                 718              10621               2055                  9                187
                POINT SOURCES                  1                 16                 21                  0                  1
            DISTILLATE OIL
                AREA SOURCES                  67                996                750                 23                180
                POINT SOURCES                  1                  3                  2                  0                  0
            NATURAL GAS
                AREA SOURCES                  76                 14              56244              22261               7622
                POINT SOURCES                 20                  0                255                  3                  5
            LIQUID PETROL GAS
                POINT SOURCES                  0                  0                  3                  0                  0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                2224              19595              61031              22298               8244
                POINT SOURCES              16222              43819               8870                 50                409

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                AREA SOURCES                  16                  3                613                 26                124
                POINT SOURCES                  6                  1                117                  6                  4
            TOTAL (COMM-INST)
                AREA SOURCES                  16                  3                613                 26                124
```

```
       TOTAL (EXTERNAL COMB)
               AREA SOURCES          12569        103459        486860        184722         74498
               POINT SOURCES           840           515         39052           143          3201

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                1             0             0             0             0
           NATURAL GAS                   0             0            97             4            12
           TOTAL (ELEC GEN)              1             0            97             4            12

       INDUSTRIAL FUEL

           DISTILLATE OIL                0             0             2             0             1
           NATURAL GAS                  22             0          5199            67           889
           GASOLINE                      0             0             4             6           150
           TOTAL (INDUSTRIAL)           22             0          5205            73          1040

       ENGINE-TESTING

           TOTAL (ENG TESTNG)            5            10             9             9            17

       TOTAL (INTERNAL COMB)            28            10          5311            86          1069

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES          12569        103459        486860        184722         74498
               POINT SOURCES           868           525         44363           229          4270

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             655          3962          1552          2445          1015
    FOOD/AGRICULTURAL                  634             6             2             5             2
    PRIMARY METAL                       71           320            43             2             4
    SECONDARY METALS                  2263          1178            46            87          2088
    MINERAL PRODUCTS                 59444         34600         11350           326           326
    PETROLEUM INDUSTRY                 144          1868           869           474           103
    WOOD PRODUCTS                       86             0             0             0             0
    ORGANIC SOLVENT EVAPORATION        152             0            12         52409             9
    PETROLEUM STORAGE/TRANSPORT          0             0             3          5171            68
    METAL FABRICATION                   57             0             0           317             0
    TEXTILE MANUFACTURING               23             0             0            65             0
    OTHER/NOT CLASSIFIED                 3          6036            26          2164             0
    TOTAL (INDUSTRIAL)               63532         47970         13903         63465          3615

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                     3             0             0             9            11
        TOTAL (GOVERNMENT)               3             0             0             9            11

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           753             9            21          2114          6345
        OPEN BURNING                  2392            91           611          3228         10242
        TOTAL (RESIDENTIAL)           3145           100           632          5342         16587

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           188            57            90           111           257
        OPEN BURNING
```

```
SELECT CARD = <36    183                                                                    45>
STATE 36 COUNTY 1040 NOT FOUND IN POINT FILE
```

```
*** G02 ***
    SOLVENT EVAPORATION LOSS                     0                 0                 0               318                 0
    UNPAVED ROADS                            18850                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                    20521                14               360              1908             11326

GRAND TOTAL
***********

    AREA SOURCES                             23365               307              3934              7691             39742

    POINT SOURCES                             1636              2170              2976               216             13912

    TOTAL                                    25001              2477              6910              7907             53654
```

```
          NATURAL GAS                         5            0           1357           0            60
          TOTAL (INDUSTRIAL)                  5            0           1357           0            60

      TOTAL (INTERNAL COMB)                   5            0           1357           0            60

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  365          181           3139        1775          2521
              POINT SOURCES                  23            3           3849 [illegible]           189

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                       811            0              0           0             0
    MINERAL PRODUCTS                       2271            0              0           0             0
    PETROLEUM INDUSTRY                       27           14            306          39             0
    ORGANIC SOLVENT EVAPORATION               0            0              0         128             0
    TOTAL (INDUSTRIAL)                     3109           14            306         167             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 33            0              0          99           299
        OPEN BURNING                        379           16             97         513          1619
        TOTAL (RESIDENTIAL)                 412           16             97         612          1918

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  412           16             97         612          1918

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            2487          137           3121        3213         28889
            LIGHT DUTY TRUCKS               476           35            713         741          5852
            HEAVY DUTY VEHICLES             497           52           1711        1637         26235
            OFF HIGHWAY                       6            2             80         207          2652
            TOTAL (GASOLINE)               3466          226           5625        5798         63628

        DIESEL

            HEAVY DUTY VEHICLES             560          285           2522         290           887
            OFF HIGHWAY                     235          184           2207         336           667
            RAIL                             40           91            583         141           203
            TOTAL (DIESEL)                  835          560           5312         767          1757

    AIRCRAFT

        MILITARY                            110            7             57         130           268
        CIVIL                                 4            1             21          62          1228
        COMMERCIAL                            0            0              1           1             2
        TOTAL (AIRCRAFT)                    114            8             79         193          1498

    VESSELS

        GASOLINE                              0            3             15         373          1328
        TOTAL (VESSELS)                       0            3             15         373          1328

    TOTAL (TRANSPORTATION)                 4415          797          11031        7131         68211
```

```
SELECT CARD = <38    190                                            45>
```

```
*** G05 ***                                                                                               *** G05 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                9              0              0              9             17
                POINT SOURCES              98              2             33             29            632
        OPEN BURNING
                AREA SOURCES               34              0             12             55            195
        TOTAL (INDUSTRIAL)
                AREA SOURCES               43              0             12             64            212
                POINT SOURCES              98              2             33             29            632

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             4662            125            673           9703          29637
                POINT SOURCES             177              4            110             60            668

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         32470           1128          24656          33864         347052
            LIGHT DUTY TRUCKS           12033            587          12291          16365         147545
            HEAVY DUTY VEHICLES          1412            109           3350           4431          69479
            OFF HIGHWAY                   104             56           1158           3078          38915
            TOTAL (GASOLINE)            46019           1880          41455          57738         602991

        DIESEL

            HEAVY DUTY VEHICLES          6606           2698          24733           3593          11114
            OFF HIGHWAY                   612            479           5762            878           1741
            RAIL                         1172           2671          17328           4208           6089
            TOTAL (DIESEL)               8390           5848          47823           8679          18944

    AIRCRAFT

        MILITARY                          149              9             77            176            361
        CIVIL                              21             12             98            297           5960
        COMMERCIAL                         27             62            651            576           1790
        TOTAL (AIRCRAFT)                  197             83            826           1049           8111

    VESSELS

        DIESEL FUEL                       181            225           1685            421            590
        RESIDUAL OIL                      155           2042            335             20             12
        GASOLINE                            0             11             65           1427           5081
        TOTAL (VESSELS)                   336           2278           2085           1868           5683

    TOTAL (TRANSPORTATION)              54942          10089          92189          69334         635729

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     5257             46           1238           5938          43298
    FOREST MANAGED BURNING              12236             92           2448           8748          68521
    AGRICULTURAL BURNING                 3264              0            463           3011          21690
    STRUCTURAL FIRES                      421              0             39            317           1717
    GASOLINE STA EVAP LOSS                  0              0              0           8050              0
    SOLVENT EVAPORATION LOSS                0              0              0          24504              0
    UNPAVED ROADS                      519032              0              0              0              0
    UNPAVED AIRSTRIPS                     142              0              0              0              0
    TOTAL (MISCELLANEOUS)              540352            138           4188          50568         135226

GRAND TOTAL
***********
```

*** G06 ***					
FOREST WILDFIRES	60	0	14	69	501
STRUCTURAL FIRES	1106	0	105	827	4499
GASOLINE STA EVAP LOSS	0	0	0	11171	0
SOLVENT EVAPORATION LOSS	0	0	0	54918	0
UNPAVED ROADS	133376	0	0	0	0
TOTAL (MISCELLANEOUS)	134542	0	119	66985	5000

GRAND TOTAL
****

AREA SOURCES	222884	21292	126893	173921	998751
POINT SOURCES	33743	123752	58391	74909	72190
TOTAL	256627	145044	185284	248830	1070941

```
    SOLVENT EVAPORATION LOSS              0          0          0      14662          0
    UNPAVED ROADS                     94389          0          0          0          0
    UNPAVED AIRSTRIPS                    17          0          0          0          0
    TOTAL (MISCELLANEOUS)             94991          0         96      19454       3596

RAND TOTAL
**********

    AREA SOURCES                     136721      10514      53577      89752     405285

    POINT SOURCES                     14515     209120      63297       9088      13465

    TOTAL                            151236     219634     116874      98840     418750
```

```
SELECT CARD = <40    244                                          45>
```

```
*** G09 ***                                                                                             *** G09 ***
        ON SITE INCINERATION             1671            21            55          4696         14083
        OPEN BURNING                     6086           224          1558          8213         26046
        TOTAL (RESIDENTIAL)              7757           245          1613         12909         40129

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES               1             0             0             1             5
        OPEN BURNING
                AREA SOURCES               78             1            22           155           389
        TOTAL (COMM-INST)
                AREA SOURCES               78             1            22           155           389
                POINT SOURCES               1             0             0             1             5

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES             824            40           138          1436         15086
        OPEN BURNING
                AREA SOURCES               79             0            36           126           435
        TOTAL (INDUSTRIAL)
                AREA SOURCES               79             0            36           126           435
                POINT SOURCES             824            40           138          1436         15086

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             7914           246          1671         13190         40953
                POINT SOURCES             904            42           150          1445         15099

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         51899          2427         51646         57807        545444
            LIGHT DUTY TRUCKS           12581           815         16454         18146        148934
            HEAVY DUTY VEHICLES          2614           241          7598          8228        130946
            OFF HIGHWAY                   171            90          1933          5147         65054
            TOTAL (GASOLINE)            67265          3573         77631         89328        890378

        DIESEL

            HEAVY DUTY VEHICLES          9307          4361         39467          4986         15235
            OFF HIGHWAY                   656           516          6168           941          1864
            RAIL                          205           469          3016           728          1061
            TOTAL (DIESEL)              10168          5346         48651          6655         18160

    AIRCRAFT

        MILITARY                         1255            82           644          1476          3048
        CIVIL                              15             7            93           280          5614
        COMMERCIAL                         19            46           471           418          1296
        TOTAL (AIRCRAFT)                 1289           135          1208          2174          9958

    VESSELS

        DIESEL FUEL                        79            99           738           185           258
        RESIDUAL OIL                       94          1246           204            13             7
        GASOLINE                            0            76           456          9988         35617
        TOTAL (VESSELS)                   173          1421          1398         10186         35882

    TOTAL (TRANSPORTATION)              78895         10475        128888        108343        954378

MISCELLANEOUS (AREA)
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:198 CAMDEN-SUMTER                 POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               8              22               1               5              44
            DISTILLATE OIL                8              85              53               2              15
            NATURAL GAS                   1               0              48               2              10
            WOOD                       1759              18             139            3648           10844
            TOTAL (RESIDENTIAL)        1776             125             241            3657           10913

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 11             133              20               0               1
            NATURAL GAS                   0               0               2               0               1
            TOTAL (ELEC GEN)             11             133              22               0               2

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           592            2779            1228               7             438
            RESIDUAL OIL
                POINT SOURCES            81            1172             205               1              18
            DISTILLATE OIL
                POINT SOURCES             1             129               6               0               2
            NATURAL GAS
                AREA SOURCES              3               0             400              97              48
                POINT SOURCES             1               0              78               2              19
            WOOD
                POINT SOURCES            50               3              37              42              98
            LIQUID PETROL GAS
                POINT SOURCES             0               0               1               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              3               0             400              97              48
                POINT SOURCES           725            4083            1555              52             575

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              3              10               3               0               0
            BITUMINOUS COAL
                AREA SOURCES              5              22               5               0               3
            RESIDUAL OIL
                POINT SOURCES             5              66              13               0               1
            DISTILLATE OIL
                AREA SOURCES              1              18              13               0               3
            NATURAL GAS
```

```
SELECT CARD = <42    202                                                    45>
```

```
*** 612 ***                                                                                 *** 612 ***
    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                  2467          79         460        4332       13346
             POINT SOURCES                  765          15         132        1291       14036

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            8432         420        9640       11055      108008
            LIGHT DUTY TRUCKS              3857         276        5946        6468       55763
            HEAVY DUTY VEHICLES             868          89        3108        2983       47697
            OFF HIGHWAY                      91          71        1126        2999       37905
            TOTAL (GASOLINE)              13248         856       19820       23505      249373

        DIESEL

            HEAVY DUTY VEHICLES            3049        1392       12622        1641        5018
            OFF HIGHWAY                    1047         818        9849        1500        2977
            RAIL                             46         109         709         165         248
            TOTAL (DIESEL)                 4142        2319       23180        3306        8243

    AIRCRAFT

        MILITARY                            275          18         141         323         668
        CIVIL                                 4           3          66         206        4167
        COMMERCIAL                            7          16         167         148         462
        TOTAL (AIRCRAFT)                    286          37         374         677        5297

    VESSELS

        GASOLINE                              0           6          58        1294        4612
        TOTAL (VESSELS)                       0           6          58        1294        4612

    TOTAL (TRANSPORTATION)                17676        3218       43432       28782      267525

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      18614         161        4379       21020      153275
    FOREST MANAGED BURNING                  800           6         160         572        4477
    STRUCTURAL FIRES                        192           0          10         145         773
    GASOLINE STA EVAP LOSS                    0           0           0        3236           0
    SOLVENT EVAPORATION LOSS                  0           0           0        6910           0
    UNPAVED ROADS                        631097           0           0           0           0
    UNPAVED AIRSTRIPS                        42           0           0           0           0
    TOTAL (MISCELLANEOUS)                650745         167        4549       31883      158525

GRAND TOTAL
***********

    AREA SOURCES                         672687        7753       51710       67274      446610

    POINT SOURCES                         31163       31790       24455        3110       15862

    TOTAL                                703850       39543       76165       70384      462472
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               4567          258         6026         6397        59672
            LIGHT DUTY TRUCKS                 2169          176         3837         3781        30615
            HEAVY DUTY VEHICLES                560           61         2206         1959        31530
            OFF HIGHWAY                         67           57          861         2297        29041
            TOTAL (GASOLINE)                  7363          552        12930        14434       150858

        DIESEL

            HEAVY DUTY VEHICLES               1190          609         5476          631         1906
            OFF HIGHWAY                        834          652         7843         1196         2370
            RAIL                                25           66          421           95          147
            TOTAL (DIESEL)                    2049         1327        13740         1922         4423

    AIRCRAFT

        CIVIL                                    2            1           47          150         2997
        TOTAL (AIRCRAFT)                         2            1           47          150         2997

    VESSELS

        GASOLINE                                 0            6           56         1239         4417
        TOTAL (VESSELS)                          0            6           56         1239         4417

    TOTAL (TRANSPORTATION)                    9414         1886        26773        17745       162695

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           431            0          100          484         3534
    STRUCTURAL FIRES                           122            0            5           90          486
    GASOLINE STA EVAP LOSS                       0            0            0         1703            0
    SOLVENT EVAPORATION LOSS                     0            0            0         3873            0
    UNPAVED ROADS                           522448            0            0            0            0
    UNPAVED AIRSTRIPS                            5            0            0            0            0
    TOTAL (MISCELLANEOUS)                   523006            0          105         6150         4020

GRAND TOTAL
***********

    AREA SOURCES                            535245         4279        28965        28376       180679

    POINT SOURCES                            15542        21557        20282          913         1162

    TOTAL                                   550787        25836        49247        29289       181841
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                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
***************************                                            AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:44 TENNESSEE      AQCR:055 CHATTANOOGA                          POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                               PARTICULATES         SOX             NOX              VOC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              26              82               5              18             158
            DISTILLATE OIL                3              40              25               1               7
            NATURAL GAS                   3               1             109               6              22
            TOTAL (RESIDENTIAL)          32             123             139              25             187

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            324            1820             603               2              78
                POINT SOURCES           329            5478            1477              17              61
            RESIDUAL OIL
                POINT SOURCES           206            2403            1179               8              68
            DISTILLATE OIL
                POINT SOURCES           207              96             226               5               8
            NATURAL GAS
                AREA SOURCES              6               1            1548             517             199
                POINT SOURCES            52             557            1241              16              20
            WOOD
                POINT SOURCES             7              18              59              12              12
            TOTAL (INDUSTRIAL)
                AREA SOURCES            330            1821            2151             519             277
                POINT SOURCES           801            8550            6182              56             169

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             16              52              19               0               1
                POINT SOURCES             3               1              13               0               1
            RESIDUAL OIL
                AREA SOURCES              0               2               0               0               0
            NATURAL GAS
                AREA SOURCES              2               0              83               6              17
            TOTAL (COMM-INST)
                AREA SOURCES             18              54             102               6              18
                POINT SOURCES             3               1              13               0               1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            380            1998            2392             548             482
                POINT SOURCES           804            8551            6195              56             170

    TOTAL (FUEL COMBUSTION)
```

```
*** 615 ***                                                                                        *** 615 ***
                AREA SOURCES           15367          1221          3615         32037         93947
                POINT SOURCES           2417          2228          2675          1515          1731

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            DISTILLATE OIL                 0             0           623            18           106
            NATURAL GAS                    2            11          4205           754          2175
            TOTAL (INDUSTRIAL)             2            11          4828           772          2281

        TOTAL (INTERNAL COMB)              2            11          4828           772          2281

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           15367          1221          3615         32037         93947
                POINT SOURCES           2419          2239          7503          2287          4012

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                91            11            67           350             6
    FOOD/AGRICULTURAL                   1159            33             7             0             1
    PRIMARY METAL                        150           813           311             7          5670
    SECONDARY METALS                     123           117            80            85            10
    MINERAL PRODUCTS                    9022           338           868             6            44
    WOOD PRODUCTS                       1051           805           599             0          5718
    ORGANIC SOLVENT EVAPORATION           46             0             1          2749             0
    PETROLEUM STORAGE/TRANSPORT            0             0             0            33             0
    METAL FABRICATION                     11             0             1             0             0
    OTHER/NOT CLASSIFIED                   2             0             0             6             0
    TOTAL (INDUSTRIAL)                 11655          2117          1934          3234         11647

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             306             1             7           859          2577
        OPEN BURNING                    1405            51           358          1895          6012
        TOTAL (RESIDENTIAL)             1711            52           365          2754          8589

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES            225             1             4            26           304
        TOTAL (COMM-INST)
                POINT SOURCES            225             1             4            26           304

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES            396            39           202           469          3271
        OPEN BURNING
                AREA SOURCES              18             0             9            27            90
                POINT SOURCES             19             2             7            35           101
        TOTAL (INDUSTRIAL)
                AREA SOURCES              18             0             9            27            90
                POINT SOURCES            415            41           209           504          3372

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1729            52           374          2781          8679
                POINT SOURCES            640            42           213           530          3676

TRANSPORTATION (AREA)
*********************
```

AREA SOURCES	737	30	160	1205	3693
POINT SOURCES	537	527	388	686	6488
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12160	502	10100	11698	114060
LIGHT DUTY TRUCKS	5252	318	5924	6409	53623
HEAVY DUTY VEHICLES	892	80	2509	2795	44377
OFF HIGHWAY	45	24	495	1317	16659
TOTAL (GASOLINE)	18349	924	19028	22219	228719
DIESEL					
HEAVY DUTY VEHICLES	2445	1141	10312	1311	4009
OFF HIGHWAY	801	630	7529	1149	2280
RAIL	314	712	4622	1123	1624
TOTAL (DIESEL)	3560	2483	22463	3583	7913
AIRCRAFT					
MILITARY	2	0	1	3	6
CIVIL	5	1	18	57	1158
COMMERCIAL	6	14	142	126	390
TOTAL (AIRCRAFT)	13	15	161	186	1554
VESSELS					
DIESEL FUEL	299	374	2794	699	978
RESIDUAL OIL	442	5824	957	58	32
GASOLINE	0	17	99	2187	7789
TOTAL (VESSELS)	741	6215	3850	2944	8799
TOTAL (TRANSPORTATION)	22663	9637	45502	28932	246985
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	7016	63	1651	7922	57767
FOREST MANAGED BURNING	1163	8	234	830	6501
STRUCTURAL FIRES	160	0	14	121	655
GASOLINE STA EVAP LOSS	0	0	0	3288	0
SOLVENT EVAPORATION LOSS	0	0	0	8947	0
UNPAVED ROADS	141762	0	0	0	0
UNPAVED AIRSTRIPS	72	0	0	0	0
TOTAL (MISCELLANEOUS)	150173	71	1899	21108	64923
GRAND TOTAL					
***********					
AREA SOURCES	176776	26763	103806	74891	332626
POINT SOURCES	40175	68806	97585	131136	90283
TOTAL	216951	95569	201391	206027	422909

```
                POINT SOURCES                 6          1        117          6          4

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               4508      19645      62940      27021      22379
                POINT SOURCES             28555     124682     131317        525       4894

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            NATURAL GAS                      24          0        610         18        178
            TOTAL (ELEC GEN)                 24          0        610         18        178

        INDUSTRIAL FUEL

            DISTILLATE OIL                   65         61        895         61        197
            GASOLINE                         10          8        150        217       5861
            TOTAL (INDUSTRIAL)               75         69       1045        278       6058

        TOTAL (INTERNAL COMB)                99         69       1655        296       6236

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               4508      19645      62940      27021      22379
                POINT SOURCES             28654     124751     132972        821      11130

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              152       5179         21        261        104
    FOOD/AGRICULTURAL                  1282          0          0          0          0
    PRIMARY METAL                      3527       3164        289        281      98293
    SECONDARY METALS                    319          5        194          1        265
    MINERAL PRODUCTS                  30613        971       1241         37         90
    PETROLEUM INDUSTRY                   17          0        191          2          3
    WOOD PRODUCTS                        39          0          0         51          0
    ORGANIC SOLVENT EVAPORATION           1          0          0      31857          0
    PETROLEUM STORAGE/TRANSPORT           0          0          0       3549          0
    OTHER/NOT CLASSIFIED                 34        775          0       4145          0
    TOTAL (INDUSTRIAL)                35984      10094       1936      40184      98755

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                      1          0          0          3          5
        TOTAL (GOVERNMENT)                1          0          0          3          5

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            284          3          6        804       2415
        OPEN BURNING                    925         33        237       1252       3960
        TOTAL (RESIDENTIAL)            1209         36        243       2056       6375

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             64         15         32         38         94
        OPEN BURNING
                AREA SOURCES              2          0          0          4          8
        TOTAL (COMM-INST)
                AREA SOURCES             66         15         32         42        102

    INDUSTRIAL
```

```
                AREA SOURCES                   5          0          2          9         26
        TOTAL (COMM-INST)
                AREA SOURCES                 193         57         92        120        283

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  85         14         16         78        124
                POINT SOURCES                 23         14         17         18         65
        OPEN BURNING
                AREA SOURCES                  49          1         20         80        279
                POINT SOURCES                  0          0          0          0          1
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 134         15         34        158        403
                POINT SOURCES                 23         14         17         18         66

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                3472        172        758       5620      17273
                POINT SOURCES                 26         14         17         27         77

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        92452       2755      54977      76966     810299
            LIGHT DUTY TRUCKS          25149       1083      20212      26787     244312
            HEAVY DUTY VEHICLES         4677        319       9198      13881     217465
            OFF HIGHWAY                  227        122       2537       6757      85408
            TOTAL (GASOLINE)          122505       4279      86924     124391    1357484

        DIESEL

            HEAVY DUTY VEHICLES        17821       6626      61346       9778      30469
            OFF HIGHWAY                 2683       2100      25257       3848       7633
            RAIL                        1563       3559      23090       5605       8114
            TOTAL (DIESEL)             22067      12285     109693      19231      46216

    AIRCRAFT

        MILITARY                         299         19        153        352        727
        CIVIL                             35         18        161        496       9986
        COMMERCIAL                       130        301       3132       2776       8623
        TOTAL (AIRCRAFT)                 464        338       3446       3624      19336

    VESSELS

        GASOLINE                           0         15         86       1892       6739
        TOTAL (VESSELS)                    0         15         86       1892       6739

    TOTAL (TRANSPORTATION)            145036      16917     200149     149138    1429775

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     756          0         71        563       3068
    GASOLINE STA EVAP LOSS                 0          0          0      16600          0
    SOLVENT EVAPORATION LOSS               0          0          0      62331          0
    UNPAVED ROADS                     636883          0          0          0          0
    UNPAVED AIRSTRIPS                     45          0          0          0          0
    TOTAL (MISCELLANEOUS)             637684          0         71      79494       3068

GRAND TOTAL
***********
```

```
*** H01 ***                                                                                                  *** H01 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                         AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:36 OHIO          AQCR:183 ZANESVILLE-CAMBRIDGE                POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************   ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              0               2               0               0               8
            DISTILLATE OIL              16             167             106               4              29
            NATURAL GAS                 15               2             467              24              94
            WOOD                      1213              12              96            2516            7480
            TOTAL (RESIDENTIAL)       1244             183             669            2544            7611

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          14809          203063           40283             628            2113
            DISTILLATE OIL               1              52              23               1               2
            TOTAL (ELEC GEN)         14810          203115           40306             629            2115

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES          783            6344             510              32              75
            RESIDUAL OIL
                POINT SOURCES          111            1453             468               4              34
            DISTILLATE OIL
                AREA SOURCES             7              67              76               2              19
                POINT SOURCES           12             182             144               4              25
            NATURAL GAS
                AREA SOURCES            10               2            2302             724             292
                POINT SOURCES            4               1             469               5              28
            TOTAL (INDUSTRIAL)
                AREA SOURCES            17              69            2378             726             311
                POINT SOURCES          910            7980            1591              45             162

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             6              18               6               0               0
            BITUMINOUS COAL
                POINT SOURCES         1234            3277             325              12              90
            DISTILLATE OIL
                AREA SOURCES             2              40              27               0               6
            NATURAL GAS
                AREA SOURCES             3               0             150               8              30
            TOTAL (COMM-INST)
                AREA SOURCES            11              58             183               8              36
                POINT SOURCES         1234            3277             325              12              90
```

```
*** H02 ***                                                                                                                    *** H02 ***
SELECT CARD = <37    184                                                                              45>
```

```
*** H03 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         2837        25       667      3204     23372
    STRUCTURAL FIRES                           36         0         1        27       144
    GASOLINE STA EVAP LOSS                      0         0         0      1128         0
    SOLVENT EVAPORATION LOSS                    0         0         0      1109         0
    UNPAVED ROADS                          197026         0         0         0         0
    UNPAVED AIRSTRIPS                           2         0         0         0         0
    TOTAL (MISCELLANEOUS)                  199901        25       668      5468     23516

GRAND TOTAL
***********

    AREA SOURCES                           205093      1019     14935     14986     96166

    POINT SOURCES                            3132        17      4155       175       189

    TOTAL                                  208225      1036     19090     15161     96355
```

```
*** H04 ***                                                                                                           *** H04 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

                                                                                             RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
****************************                                                    POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983
STATE:38 OREGON          AQCR:190 CENTRAL OREGON

                                   PARTICULATES          SOX               NOX               VOC                CO
                                   ************      ************      ************      ************      ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                  1                 4                 0                 0                 6
            DISTILLATE OIL                   8               228                56                 1                16
            NATURAL GAS                      2                 0                65                 2                13
            WOOD                          1276                13               101              2652              7880
            TOTAL (RESIDENTIAL)           1287               245               222              2655              7915

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                12                93                40                 0                 6
            RESIDUAL OIL
                POINT SOURCES              104               232                57                 0                 3
            DISTILLATE OIL
                AREA SOURCES                 7               207                93                 2                23
            NATURAL GAS
                AREA SOURCES                 0                 0               177                69                24
                POINT SOURCES                1                 1                43                 0                 2
            WOOD
                POINT SOURCES             1666                 0              5858              1157              1157
            TOTAL (INDUSTRIAL)
                AREA SOURCES                19               300               310                71                53
                POINT SOURCES             1771               233              5958              1157              1162

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 0                 1                 0                 0                 0
            RESIDUAL OIL
                AREA SOURCES                36               368               106                 2                10
            DISTILLATE OIL
                AREA SOURCES                 2               115                32                 0                 8
                POINT SOURCES                3                31                13                 0                 0
            NATURAL GAS
                AREA SOURCES                 2                 0                57                 2                11
            TOTAL (COMM-INST)
                AREA SOURCES                40               484               195                 4                29
                POINT SOURCES                3                31                13                 0                 0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              1346              1029               727              2730              7997
                POINT SOURCES             1774               264              5971              1157              1162

    TOTAL (FUEL COMBUSTION)
```

```
*** HOS ***                                                                                          *** HOS ***
    AREA SOURCES                      608521         22297         107371        147050        848539
    POINT SOURCES                      15301         19532          27773         18470         34673
    TOTAL                             623822         41829         135144        165520        883212
```

*** H06 ***

*** H06 ***

```
SELECT CARD = <39    151                                              65>
```

```
*** H07 ***                                                                                                             *** H07 ***
SELECT CARD = <39    196                                                                   45>
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                                     AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
***************************                                                    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
STATE:40 PUERTO RICO     AQCR:244 PUERTO RICO

                                 PARTICULATES          SOX            NOX            VOC             CO
                                 ************     ************   ************   ************   ************
                                  TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 6              13              2              6             50
            DISTILLATE OIL                 12             144             90              3             25
            NATURAL GAS                     1               0             30              2              6
            TOTAL (RESIDENTIAL)            19             157            122             11             81

        ELEC GENERATION (POINT)

            RESIDUAL OIL                17229          216602          44928            368           2423
            DISTILLATE OIL                 48            1743            579              5            121
            TOTAL (ELEC GEN)            17277          218345          45507            373           2544

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES              517           10800           1496              3            136
                POINT SOURCES            2698           40588           8884             94           3122
            DISTILLATE OIL
                AREA SOURCES               34              23            480             10            114
                POINT SOURCES              25            1884            262              2             63
            NATURAL GAS
                AREA SOURCES                1               0             50              1             13
                POINT SOURCES              11               3           1266             10            123
            PROCESS GAS
                POINT SOURCES               9               3            432              9            107
            LIQUID PETROL GAS
                POINT SOURCES               0               1             19              0              5
            BAGASSE
                POINT SOURCES            6462               0            628           1048           1048
            TOTAL (INDUSTRIAL)
                AREA SOURCES              552           10823           2026             14            263
                POINT SOURCES            9205           42479          11491           1163           4468

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES               35             750            104              2             10
                POINT SOURCES             925           12274           2224             45            201
            DISTILLATE OIL
                AREA SOURCES               31              15            402              1             96
                POINT SOURCES               9             755            312              5             77
            NATURAL GAS
                AREA SOURCES                9               1            535             20            102
            OTHER
```

FOREST WILDFIRES	7621	63	1792	8605	62760
FOREST MANAGED BURNING	18266	139	3655	13061	102308
STRUCTURAL FIRES	743	0	67	550	3015
GASOLINE STA EVAP LOSS	0	0	0	14456	0
SOLVENT EVAPORATION LOSS	0	0	0	45723	0
UNPAVED ROADS	190815	0	0	0	0
UNPAVED AIRSTRIPS	3	0	0	0	0
TOTAL (MISCELLANEOUS)	217448	202	5514	82395	168083

GRAND TOTAL
****

AREA SOURCES	316766	13809	150726	231332	1239668
POINT SOURCES	54336	327049	163163	220112	77010
TOTAL	371102	340858	313889	451444	1316678

```
                  AREA SOURCES            1            0           37            1            7
              TOTAL (COMM-INST)
                  AREA SOURCES           10           50           58            1           13
                  POINT SOURCES           5           66           13            0            1

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES         1789          175          699         3755        10974
                  POINT SOURCES         741         4282         1590           52          578

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES         1789          175          699         3755        10974
                  POINT SOURCES         741         4282         1590           52          578

  INDUSTRIAL PROCESS (POINT)
  **************************

      CHEMICAL MANUFACTURING             15            0            0         1349            0
      SECONDARY METALS                    7            1            0            0          181
      MINERAL PRODUCTS                  270           18           23           20           12
      WOOD PRODUCTS                      11            0            0           21            0
      ORGANIC SOLVENT EVAPORATION         0            0            0         1194            0
      METAL FABRICATION                   0            0            0          104            0
      TOTAL (INDUSTRIAL)                303           19           23         2688          193

  SOLID WASTE DISPOSAL
  ********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION          102            1            4          288          862
          OPEN BURNING                  444           17          114          600         1901
          TOTAL (RESIDENTIAL)           546           18          118          888         2763

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  POINT SOURCES           0            0            0            1            2
          OPEN BURNING
                  AREA SOURCES            6            0            1           12           29
          TOTAL (COMM-INST)
                  AREA SOURCES            6            0            1           12           29
                  POINT SOURCES           0            0            0            1            2

      INDUSTRIAL

          ON SITE INCINERATION
                  POINT SOURCES          94            2           16          175         2069
          OPEN BURNING
                  AREA SOURCES            4            0            2            6           20
          TOTAL (INDUSTRIAL)
                  AREA SOURCES            4            0            2            6           20
                  POINT SOURCES          94            2           16          175         2069

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES          556           18          121          906         2812
                  POINT SOURCES          94            2           16          176         2071

  TRANSPORTATION (AREA)
  *********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES      2579          151         3250         3287        29235
```

```
*** H11 ***                                                                                                                 *** H11 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:202 GREENVILLE-SPARTANBURG                            POINT EMISSIONS AS OF:    MONDAY         JULY 11, 1983

                                      PARTICULATES          SOX               NOX               VOC                 CO
                                      ************      ************      ************      ************      ************
                                       TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   66               206                14                45               398
            DISTILLATE OIL                    40               451               281                11                79
            NATURAL GAS                        8                 1               288                16                58
            WOOD                             987                10                79              2047              6087
            TOTAL (RESIDENTIAL)             1101               668               662              2119              6622

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  614             17287              7216                24               206
            DISTILLATE OIL                     0                11                 9                 0                 2
            TOTAL (ELEC GEN)                 614             17298              7225                24               208

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                387              1283               374                 2               192
            RESIDUAL OIL
                POINT SOURCES                826             11451              1915                12               172
            DISTILLATE OIL
                POINT SOURCES                 20               397               194                 1                48
            NATURAL GAS
                AREA SOURCES                  20                 3              2556               615               303
                POINT SOURCES                 10                 2               612                12               128
            WOOD
                POINT SOURCES                 10                 0                 4                 4                10
            OTHER
                POINT SOURCES                 12                 0                 0                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  20                 3              2556               615               303
                POINT SOURCES               1265             13133              3099                31               550

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  24                77                28                 0                 1
            BITUMINOUS COAL
                AREA SOURCES                  42               172                38                 1                24
                POINT SOURCES                 31               111                51                 0                18
            DISTILLATE OIL
                AREA SOURCES                   5                67                46                 0                13
                POINT SOURCES                  0                 2                 1                 0                 0
            NATURAL GAS
```

```
SELECT CARD = <43    086                                                        45>
SELECT CARD = <44                                                                          25>
```

```
                 AREA SOURCES                 380             1998             4322             548              482
                 POINT SOURCES                804             8551             4195              56              170

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   516              154              694            6474                0
     FOOD/AGRICULTURAL                        915                0                0               0                0
     PRIMARY METAL                            152              441                4             365               60
     SECONDARY METALS                        1152              517               61               2            20421
     MINERAL PRODUCTS                         750             6536             2478              46               21
     WOOD PRODUCTS                             54                0                0             475                0
     ORGANIC SOLVENT EVAPORATION               11                0                0            4151                0
     PETROLEUM STORAGE/TRANSPORT                6                0                0             260                0
     METAL FABRICATION                         21                0                0              13                0
     TEXTILE MANUFACTURING                     23                0                0               2                0
     OTHER/NOT CLASSIFIED                       1                0                0               7                0
     TOTAL (INDUSTRIAL)                      3601             7648             3237           11795            20502

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                164                3                5             461             1382
          OPEN BURNING                        180                7               46             242              768
          TOTAL (RESIDENTIAL)                 344               10               51             703             2150

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    POINT SOURCES               3                1               19              13               20
          TOTAL (COMM-INST)
                    POINT SOURCES               3                1               19              13               20

     INDUSTRIAL

          ON SITE INCINERATION
                    POINT SOURCES               2                3               18               9               19
          OPEN BURNING
                    AREA SOURCES                2                0                1               3               10
                    POINT SOURCES               3                0                1               4               21
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                2                0                1               3               10
                    POINT SOURCES               5                3               19              13               40

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES              346               10               52             706             2160
                    POINT SOURCES               8                4               38              26               60

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES           6602              197             4166            6043            64636
               LIGHT DUTY TRUCKS             1442               59             1184            1734            16276
               HEAVY DUTY VEHICLES            369               25              746            1135            17670
               OFF HIGHWAY                     17                9              190             504             6374
               TOTAL (GASOLINE)              8430              290             6286            9416           104956

          DIESEL

               HEAVY DUTY VEHICLES           1579              598             5528             865             2691
```

```
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            6847          403          8788          8716         78678
            LIGHT DUTY TRUCKS              2551          208          4248          4109         32013
            HEAVY DUTY VEHICLES             603           69          2318          2049         33036
            OFF HIGHWAY                      29           17           333           885         11185
            TOTAL (GASOLINE)              10030          697         15687         15759        154912

        DIESEL

            HEAVY DUTY VEHICLES            1289          680          6088           683          2056
            OFF HIGHWAY                     190          147          1793           273           541
            RAIL                            183          612          2684           652           944
            TOTAL (DIESEL)                 1662         1239         10565          1608          3541

    AIRCRAFT

        CIVIL                                 1            0            17            49           968
        TOTAL (AIRCRAFT)                      1            0            17            49           968

    VESSELS

        DIESEL FUEL                         365          459          3420           856          1198
        GASOLINE                              0           14            86          1908          6808
        TOTAL (VESSELS)                     365          473          3506          2764          8006

    TOTAL (TRANSPORTATION)                12058         2409         29775         20180        167427

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1031            7           242          1163          8497
    FOREST MANAGED BURNING                  929            6           187           665          5205
    STRUCTURAL FIRES                        137            0            13           102           552
    GASOLINE STA EVAP LOSS                    0            0             0          2312             0
    SOLVENT EVAPORATION LOSS                  0            0             0          8653             0
    UNPAVED ROADS                         74404            0             0             0             0
    TOTAL (MISCELLANEOUS)                 76501           13           442         12895         14254

GRAND TOTAL
***********

    AREA SOURCES                         105655         3695         34206         67893        284307

    POINT SOURCES                         16714         4398          9650          6051         19135

    TOTAL                                120369         8093         43856         73944        303442
```

```
SELECT CARD = <45     153                                                                                   45>
STATE 45 COUNTY 0580 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1270 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2740 NOT FOUND IN POINT FILE
STATE 45 COUNTY 4270 NOT FOUND IN POINT FILE
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```
      ON SITE INCINERATION
              AREA SOURCES                 40             6             6            37            67
              POINT SOURCES                34            10            15            18            49
      OPEN BURNING
              AREA SOURCES                 16             0             7            26            90
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 56             6            11            63           157
              POINT SOURCES                34            10            15            18            49

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               1331            55           286          2161          6634
              POINT SOURCES                35            10            15            21            54

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            27042          1119         23119         27635        266334
         LIGHT DUTY TRUCKS               9701           608         11536         12508        103456
         HEAVY DUTY VEHICLES             1659           145          4508          5159         81869
         OFF HIGHWAY                       79            41           857          2279         28812
         TOTAL (GASOLINE)               38481          1913         40020         47581        480471

      DIESEL

         HEAVY DUTY VEHICLES             4507          1997         18183          2431          7464
         OFF HIGHWAY                     1322          1039         12458          1903          3768
         RAIL                             647          1472          9539          2317          3352
         TOTAL (DIESEL)                  6476          4508         40180          6651         14584

   AIRCRAFT

      MILITARY                           1221            79           627          1436          2968
      CIVIL                                 9             6            54           168          3291
      COMMERCIAL                           17            39           402           357          1109
      TOTAL (AIRCRAFT)                   1247           124          1083          1961          7368

   VESSELS

      GASOLINE                              0            10            52          1217          4331
      TOTAL (VESSELS)                       0            10            52          1217          4331

   TOTAL (TRANSPORTATION)               46204          6555         81335         57410        506754

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      1093             9           257          1234          9008
   FOREST MANAGED BURNING                 160             0            32           114           896
   STRUCTURAL FIRES                       287             0            24           217          1169
   GASOLINE STA EVAP LOSS                   0             0             0          6934             0
   SOLVENT EVAPORATION LOSS                 0             0             0         17689             0
   UNPAVED ROADS                       439185             0             0             0             0
   UNPAVED AIRSTRIPS                       34             0             0             0             0
   TOTAL (MISCELLANEOUS)               440759             9           313         26188         11073

GRAND TOTAL
***********

   AREA SOURCES                        492802         26264        144874        112780        546840

   POINT SOURCES                        64673        134855        134923         61026        109939
```

AREA SOURCES	798761	120548	687838	418974	1524614
POINT SOURCES	64426	48509	58283	63721	7962
TOTAL	863187	169057	746121	482695	1532576

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*** 101 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES          1272           310          3230          3278          7958
                POINT SOURCES        16954        214372         42222           686          2367

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                  0             1            33            13             4
            TOTAL (INDUSTRIAL)           0             1            33            13             4

        TOTAL (INTERNAL COMB)            0             1            33            13             4

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          1272           310          3230          3278          7958
                POINT SOURCES        16954        214373         42255           699          2371

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              11             0             0             0             0
    PRIMARY METAL                     3279             0             0             0             0
    SECONDARY METALS                   488            66             8             0         10685
    MINERAL PRODUCTS                  1215          1485          1813            50            68
    WOOD PRODUCTS                      246             0             0             0             0
    ORGANIC SOLVENT EVAPORATION          3             0             0          8529             0
    METAL FABRICATION                    9             0             0             0             0
    OTHER/NOT CLASSIFIED                 4          1498             0             0             0
    TOTAL (INDUSTRIAL)                5255          3049          1821          8579         10753

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           207             2             7           584          1753
        OPEN BURNING                   299            11            76           405          1278
        TOTAL (RESIDENTIAL)            506            13            83           989          3031

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            49            16            25            29            69
        OPEN BURNING
                AREA SOURCES             2             0             0             4             8
        TOTAL (COMM-INST)
                AREA SOURCES            51            16            25            33            77

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            10             2             2            10            16
        OPEN BURNING
                AREA SOURCES            10             0             5            17            60
        TOTAL (INDUSTRIAL)
                AREA SOURCES            20             2             7            27            76

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           577            31           115          1049          3184

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
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                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
****************************                                                        AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:37 OKLAHOMA        AQCR:184 CENTRAL OKLAHOMA                                 POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                                   PARTICULATES          SOX             NOX                  VOC               CO
                                   *************      *************     *************     ************      ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   7                33                 1                 6                41
            DISTILLATE OIL                    0                14                 7                 0                 2
            NATURAL GAS                      36                 6              1189                63               237
            WOOD                            726                 6                57              1506              4480
            TOTAL (RESIDENTIAL)             769                59              1254              1575              4760

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                   0                 2                 1               437               186
            DISTILLATE OIL                    0                 2                 0                 0                 0
            NATURAL GAS                     113                46             11336                28               459
            TOTAL (ELEC GEN)                113                50             11337               465               645

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                140              1173               254                 1                32
                POINT SOURCES                12               105                66                 6                 9
            RESIDUAL OIL
                AREA SOURCES                  7                95                21                 0                 1
            DISTILLATE OIL
                AREA SOURCES                 53               526               595                20               140
                POINT SOURCES                 3                 0                20                 0                 1
            NATURAL GAS
                AREA SOURCES                 62                12             31864             12153              4266
                POINT SOURCES                28                 0               629                32                34
            TOTAL (INDUSTRIAL)
                AREA SOURCES                262              1806             32734             12174              4439
                POINT SOURCES                43               105               715                38                44

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  4                27                 3                 0                 2
            DISTILLATE OIL
                AREA SOURCES                  9               137                96                 1                24
                POINT SOURCES                27                99                46                 3                11
            NATURAL GAS
                AREA SOURCES                 15                 3               532                27               106
                POINT SOURCES                21                 2               190                13                41
            TOTAL (COMM-INST)
                AREA SOURCES                 28               167               631                28               132
                POINT SOURCES                48               101               236                16                52
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SELECT CARD = <37     188                                                         45>
STATE 37 COUNTY 0180 NOT FOUND IN POINT FILE
STATE 37 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 37 COUNTY 1240 NOT FOUND IN POINT FILE
STATE 37 COUNTY 1380 NOT FOUND IN POINT FILE
STATE 37 COUNTY 1580 NOT FOUND IN POINT FILE
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              AREA SOURCES            1346       1029        727       2730       7997
              POINT SOURCES           1774        264       5971       1157       1162

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                  375          0          0          0          0
    PRIMARY METAL                      440        494          0          0          0
    SECONDARY METALS                     4          0          0          0         17
    MINERAL PRODUCTS                   112         16         11          0          0
    WOOD PRODUCTS                     1202          0         15        107          1
    OTHER/NOT CLASSIFIED                 0          0          6          1          0
    TOTAL (INDUSTRIAL)                2133        510         32        108         18

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                     6          0          0          1         20
        TOTAL (GOVERNMENT)               6          0          0          1         20

    RESIDENTIAL (AREA)

        OPEN BURNING                   117          3         31        160        502
        TOTAL (RESIDENTIAL)            117          3         31        160        502

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES            0         10          8          0          0
        TOTAL (COMM-INST)
                POINT SOURCES            0         10          8          0          0

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             1          0          0          1          2
                POINT SOURCES          140          2         49         49       1022
        OPEN BURNING
                AREA SOURCES             2          0          1          3         10
                POINT SOURCES           10          0          1          6         34
        TOTAL (INDUSTRIAL)
                AREA SOURCES             3          0          1          4         12
                POINT SOURCES          150          2         50         53       1056

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           120          3         32        164        514
                POINT SOURCES          156         12         58         54       1076

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       2316        118       2616       2989      28041
            LIGHT DUTY TRUCKS         1600        110       2307       2550      21432
            HEAVY DUTY VEHICLES        157         16        537        523       8373
            OFF HIGHWAY                 11          5        114        300       3784
            TOTAL (GASOLINE)          4084        249       5574       6362      61630

        DIESEL
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```
SELECT CARD = <38    194                                                     45>
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                               RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
***************************                                        POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983
STATE:39 PENNSYLVANIA    AQCR:151 NORTHEAST PENNSYLVANIA-UPPER D

                             PARTICULATES         SOX            NOX            VOC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL          1688            4606            507           1688          15186
            BITUMINOUS COAL           405            1933             80            272           2440
            DISTILLATE OIL            332            3833           2394             92            667
            NATURAL GAS                35               7           1186             65            236
            WOOD                    10971             119            864          22784          67714
            TOTAL (RESIDENTIAL)     13431           10498           5029          24901          86243

        ELEC GENERATION (POINT)

            ANTHRACITE COAL            26            3033           2000              8             67
            BITUMINOUS COAL           607           87460          31419             76            649
            RESIDUAL OIL             1981           24365          11343            129            847
            DISTILLATE OIL              7             191            130              1             28
            OTHER                       2               0              1              0              1
            TOTAL (ELEC GEN)         2623          115049          44893            214           1592

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES         145             955            344             20             42
            BITUMINOUS COAL
                POINT SOURCES         400            1264            133             14             65
            RESIDUAL OIL
                POINT SOURCES         916           12636           2601             15            235
            DISTILLATE OIL
                AREA SOURCES           57             569            640             21            152
                POINT SOURCES          12             462             73              0             17
            NATURAL GAS
                AREA SOURCES           42               7           8671           2682           1095
                POINT SOURCES         268            3993           2215             92            444
            PROCESS GAS
                POINT SOURCES         111             126           1021              6            473
            WOOD
                POINT SOURCES          10               5            102             51            146
            OTHER
                POINT SOURCES         147            2944              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           99             576           9311           2703           1247
                POINT SOURCES        2009           22385           6489            198           1422

        COMM-INSTITUTIONAL FUEL
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                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
****************************                                             AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:39 PENNSYLVANIA    AQCR:196 SOUTH CENTRAL PENNSYLVANIA            POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                                      PARTICULATES           SOX           NOX           VOC            CO
                                      ************  ************  ************  ************  ************
                                       TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    387          1054           115           387          3475
            BITUMINOUS COAL                     93           438            19            63           553
            DISTILLATE OIL                     237          2729          1707            66           475
            NATURAL GAS                         25             4           833            44           167
            WOOD                             11507           122           908         23892         71007
            TOTAL (RESIDENTIAL)              12249          4347          3582         24452         75677

        ELEC GENERATION (POINT)

            ANTHRACITE COAL                     39          2970          2285             9            76
            BITUMINOUS COAL                   5318        165207         47852           148          1271
            DISTILLATE OIL                       0            47            56             0            11
            NATURAL GAS                          0             0             1             0             0
            OTHER                                0          8069           708             2            20
            TOTAL (ELEC GEN)                  5357        176293         50902           159          1378

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES                  100           952           329             2            20
            BITUMINOUS COAL
                POINT SOURCES                  247          7881          1632             6           127
            RESIDUAL OIL
                POINT SOURCES                  474          6655          1027             7            94
            DISTILLATE OIL
                AREA SOURCES                    46           458           518            16           123
                POINT SOURCES                    3            39            20             0             4
            NATURAL GAS
                AREA SOURCES                    30             5          6315          1953           796
                POINT SOURCES                    6             0           686             6            77
            WOOD
                POINT SOURCES                  118             9           161            87           243
            OTHER
                POINT SOURCES                    0             1             1             0             0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                    76           463          6833          1969           919
                POINT SOURCES                  948         15537          3856           108           565

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
            POINT SOURCES                 199          0          0          0          0
        TOTAL (COMM-INST)
            AREA SOURCES                   75        766       1041         23        208
            POINT SOURCES                1133      13029       2536         50        278

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                  646      11746       3189         48        552
            POINT SOURCES               27615     273853      59534       1586       7290

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                 1937      12472      26203        612       1960
          TOTAL (ELEC GEN)               1937      12472      26203        612       1960

      INDUSTRIAL FUEL

          DISTILLATE OIL                   31        237        429         30         96
          NATURAL GAS                      51          3      13031         20       1725
          TOTAL (INDUSTRIAL)               82        240      13460         50       1821

      COMM-INSTITUTIONAL

          TOTAL (COMM-INST)                 0          0          7          0          1

      TOTAL (INTERNAL COMB)              2019      12712      39670        662       3782

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                  646      11746       3189         48        552
            POINT SOURCES               29634     286565      99204       2248      11072

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                  122         10          0        820          0
  FOOD/AGRICULTURAL                        96          0          0         35          1
  PRIMARY METAL                           450          0          0          0        162
  SECONDARY METALS                        436        149        139          7          8
  MINERAL PRODUCTS                      30273       8067       1884          7         52
  PETROLEUM INDUSTRY                     2983      35560      26669       1107      21864
  ORGANIC SOLVENT EVAPORATION               0          0          0       2694          0
  PETROLEUM STORAGE/TRANSPORT               0        128          0       7694          0
  OTHER/NOT CLASSIFIED                     57       8413          0         13          0
  TOTAL (INDUSTRIAL)                    34417      52327      28692      12377      22087

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                0          1          1          0         10
      OPEN BURNING                          2          0          1          3          9
      OTHER INCINERATION                   42          8         42          8          0
      TOTAL (GOVERNMENT)                   44          9         44         11         19

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              POINT SOURCES               199         57        129        361        607
      TOTAL (COMM-INST)
              POINT SOURCES               199         57        129        361        607

  INDUSTRIAL
```

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SELECT CARD = <42    053                                                    45>
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```
          LIGHT DUTY TRUCKS               630         51        1015        1012        7837
          HEAVY DUTY VEHICLES             118         13         434         392        6300
          OFF HIGHWAY                       9          4          97         258        3267
          TOTAL (GASOLINE)               3336        219        4796        4949       46639

       DIESEL

          HEAVY DUTY VEHICLES             466        249        2227         245         738
          OFF HIGHWAY                      48         38         452          68         137
          RAIL                             12         26         173          41          62
          TOTAL (DIESEL)                  526        313        2852         354         937

    AIRCRAFT

       MILITARY                           447         29         229         525        1085
       CIVIL                                0          0           4          12         249
       TOTAL (AIRCRAFT)                   447         29         233         537        1334

    VESSELS

       GASOLINE                             0         12          67        1492        5320
       TOTAL (VESSELS)                      0         12          67        1492        5320

    TOTAL (TRANSPORTATION)               4309        573        7948        7332       54230

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      601          4         141         678        4949
    FOREST MANAGED BURNING               1107          8         222         791        6198
    STRUCTURAL FIRES                       45          0           4          33         184
    GASOLINE STA EVAP LOSS                  0          0           0         789           0
    SOLVENT EVAPORATION LOSS                0          0           0        2040           0
    UNPAVED ROADS                       13489          0           0           0           0
    TOTAL (MISCELLANEOUS)               15242         12         367        4331       11331

GRAND TOTAL
***********

    AREA SOURCES                        21896        778        9135       16324       79347

    POINT SOURCES                        1138       4303        1629        2916        2842

    TOTAL                               23034       5081       10764       19240       82189
```

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               AREA SOURCES                8              1            271             13             55
           WOOD
               POINT SOURCES               6              1              3              8             19
           TOTAL (COMM-INST)
               AREA SOURCES               79            317            383             14             93
               POINT SOURCES              37            114             55              8             37

       TOTAL (EXTERNAL COMB)
               AREA SOURCES             1200            988           3601           2748           7018
               POINT SOURCES            1916          30545          10379             63            795

   INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           NATURAL GAS                     0              0             56              2             16
           TOTAL (ELEC GEN)                0              0             56              2             16

       ENGINE-TESTING

           TOTAL (ENG TESTNG)              2              1             13              1              3

       TOTAL (INTERNAL COMB)               2              1             69              3             19

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES             1200            988           3601           2748           7018
               POINT SOURCES            1918          30546          10448             66            814

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                117              0              0           2172           3262
   SECONDARY METALS                      136              7              1              0            224
   MINERAL PRODUCTS                     1162             50             46             58             29
   WOOD PRODUCTS                           5              0              0              0              0
   ORGANIC SOLVENT EVAPORATION             0              0              0           3328              0
   PETROLEUM STORAGE/TRANSPORT             0              0              0            317              0
   METAL FABRICATION                       2              0              0            348              0
   TEXTILE MANUFACTURING                   3              0              0           1568              0
   OTHER/NOT CLASSIFIED                   22              0              0            245            104
   TOTAL (INDUSTRIAL)                   1447             57             47           8036           3619

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION              423              6             14           1189           3568
       OPEN BURNING                      837             30            215           1128           3579
       TOTAL (RESIDENTIAL)              1260             36            229           2317           7147

   COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
               AREA SOURCES               10              0              3             22             55
       TOTAL (COMM-INST)
               AREA SOURCES               10              0              3             22             55

   INDUSTRIAL

       ON SITE INCINERATION
               POINT SOURCES              59             19             20            161            683
       OPEN BURNING
               AREA SOURCES               17              0              7             27             95
       TOTAL (INDUSTRIAL)
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                      AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:43 SOUTH DAKOTA    AQCR:086 METROPOLITAN SIOUX CITY       POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                                 PARTICULATES       SOX            NOX            VOC             CO
                                 ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                1              2              0              1              5
            DISTILLATE OIL                 0              3              2              0              0
            NATURAL GAS                    0              0             14              1              3
            WOOD                          32              0              3             67            199
            TOTAL (RESIDENTIAL)           33              5             19             69            207

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              15             81             40              0              5
            RESIDUAL OIL
                AREA SOURCES               0              1              0              0              0
            DISTILLATE OIL
                AREA SOURCES               0              2              2              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              15             84             42              0              5

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               0              2              1              0              0
            NATURAL GAS
                AREA SOURCES               0              0              3              0              1
            TOTAL (COMM-INST)
                AREA SOURCES               0              2              4              0              1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              48             91             65             69            213

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              48             91             65             69            213

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    230              0              0              0              0
    TOTAL (INDUSTRIAL)                   230              0              0              0              0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

                                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE EMISSIONS REPORT                                         AREA EMISSIONS AS OF:  TUESDAY NOVEMBER 22, 1983
*****************************                                 POINT EMISSIONS AS OF:  MONDAY      JULY 11, 1983
STATE 44:TENNESSEE

                              PARTICULATES          SOX             NOX             VOC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              514           1670             101             341            3075
            DISTILLATE OIL                67            816             507              17             135
            NATURAL GAS                   63              8            2290             117             455
            WOOD                       39817            425            3149           82661          245673
            TOTAL (RESIDENTIAL)        40461           2919            6047           83136          249338

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            34658         897813          228828            5732            9503
            RESIDUAL OIL                   7            185               0               0               0
            DISTILLATE OIL                 4            284              94              36             187
            TOTAL (ELEC GEN)           34669         898282          228922            5768            9690

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            3206          18205            5943              17             763
                POINT SOURCES          20422          78477           21803             773            3357
            RESIDUAL OIL
                POINT SOURCES           2273          24005            4009             233            1426
            DISTILLATE OIL
                POINT SOURCES            334           2470             955              28             149
            NATURAL GAS
                AREA SOURCES              57              9           16615            5548            2160
                POINT SOURCES           1260            834            9111             451             810
            PROCESS GAS
                AREA SOURCES               5             20              22               0               1
                POINT SOURCES             62            860            2063              42             516
            WOOD
                POINT SOURCES           1994           1523            4476           10545            8945
            LIQUID PETROL GAS
                POINT SOURCES              0              1              12               0               1
            OTHER
                POINT SOURCES              8             43              42               5              11
            TOTAL (INDUSTRIAL)
                AREA SOURCES            3268          18234           22580            5565            2924
                POINT SOURCES          26353         108213           42471           12077           15215

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             169            579             201               0               7
```

```
*** I16 ***                                                                                                   *** I16 ***
          OFF HIGHWAY                     27            21            252            38            76
          RAIL                            96           220           1426           346           501
          TOTAL (DIESEL)                1702           839           7206          1249          3268

    AIRCRAFT

        CIVIL                              2             1             10            31           631
        TOTAL (AIRCRAFT)                   2             1             10            31           631

    VESSELS

        DIESEL FUEL                       16            20            150            38            53
        GASOLINE                           0             3             16           355          1265
        TOTAL (VESSELS)                   16            23            166           393          1318

    TOTAL (TRANSPORTATION)             10150          1153          13668         11089        110173

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     145             1             34           164          1198
    FOREST MANAGED BURNING                53             0             11            38           296
    STRUCTURAL FIRES                      73             0              7            54           296
    GASOLINE STA EVAP LOSS                 0             0              0          1715             0
    SOLVENT EVAPORATION LOSS               0             0              0          4659             0
    UNPAVED ROADS                       6247             0              0             0             0
    TOTAL (MISCELLANEOUS)               6518             1             52          6630          1790

GRAND TOTAL
***********

    AREA SOURCES                       17394          3162          16164         18973        114605

    POINT SOURCES                       4413         16203           7470         11877         20732

    TOTAL                              21807         19365          23634         30850        135337
```

```
*** I15 ***                                                                                                                *** I15 ***
SELECT CARD = <45                                                                            25>
```

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                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY   NOVEMBER 28, 1983
*****************************                                           AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:153 EL PASO-LAS CRUCES-ALAMOGORDO         POINT EMISSIONS AS OF:    MONDAY        JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               0               8              3              0              1
         NATURAL GAS                 14               3            491             25             98
         WOOD                        64               0              5            131            388
         TOTAL (RESIDENTIAL)         78              11            499            156            487

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 1             256             11              0              1
         DISTILLATE OIL               0              10              1              0              0
         NATURAL GAS                 10               9           2483              9            195
         TOTAL (ELEC GEN)            11             275           2495              9            196

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            402            2351            585              2             75
         RESIDUAL OIL
            AREA SOURCES            245            3856            701              4             64
            POINT SOURCES           570            7557           1307              7            119
         DISTILLATE OIL
            AREA SOURCES             20             307            231              8             54
            POINT SOURCES             8               0            119              1             30
         NATURAL GAS
            AREA SOURCES             28               6          20719           8200           2808
            POINT SOURCES            53              12           2887             58            722
         PROCESS GAS
            POINT SOURCES             7              53            106              0             17
         TOTAL (INDUSTRIAL)
            AREA SOURCES            695            6520          22236           8214           3001
            POINT SOURCES           638            7622           4419             66            888

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES              6               1            207             11             41
         TOTAL (COMM-INST)
            AREA SOURCES              6               1            207             11             41

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            779            6532          22942           8381           3529
            POINT SOURCES           649            7897           6914             75           1084

    INTERNAL COMBUSTION (POINT)
```

```
*** I17 ***                                                                                               *** I17 ***
    TOTAL                          557475          161119          279797          153806          656779
```

```
SELECT CARD = <45    216                                              45>
```

```
      GASOLINE

          LIGHT DUTY VEHICLES            3881        226       5095       5099      46870
          LIGHT DUTY TRUCKS              1284        101       2101       1972      15992
          HEAVY DUTY VEHICLES             296         33       1140       1009      16255
          OFF HIGHWAY                      16          9        192        510       6449
          TOTAL (GASOLINE)               5477        369       8528       8590      85566

      DIESEL

          HEAVY DUTY VEHICLES            1032        551       4920        545       1640
          OFF HIGHWAY                     170        133       1599        243        483
          RAIL                            101        229       1489        361        523
          TOTAL (DIESEL)                 1303        913       8008       1149       2646

   AIRCRAFT

      CIVIL                                 2          1         12         37        732
      TOTAL (AIRCRAFT)                      2          1         12         37        732

   VESSELS

      GASOLINE                              0         10         67       1488       5304
      TOTAL (VESSELS)                       0         10         67       1488       5304

   TOTAL (TRANSPORTATION)                6782       1293      16615      11264      94248

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      1384         13        325       1563      11393
   STRUCTURAL FIRES                        79          0          7         60        321
   GASOLINE STA EVAP LOSS                   0          0          0       1141          0
   SOLVENT EVAPORATION LOSS                 0          0          0       5832          0
   UNPAVED ROADS                        60824          0          0          0          0
   UNPAVED AIRSTRIPS                        3          0          0          0          0
   TOTAL (MISCELLANEOUS)                62290         13        332       8596      11714

GRAND TOTAL
***********

   AREA SOURCES                         70921       1647      20292      24187     117104

   POINT SOURCES                        22209     217422      44076       9278      13124

   TOTAL                                93130     219069      64368      33465     130228
```

```
*** J02 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES            1059          2032          34619          13777           9331
                POINT SOURCES            204           256          12288            519            741

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 8             2             58              5             20
            NATURAL GAS                   22             1            660             11             92
            TOTAL (ELEC GEN)              30             3            718             16            112

        INDUSTRIAL FUEL

            NATURAL GAS                    3             1           1546            490            126
            TOTAL (INDUSTRIAL)             3             1           1546            490            126

        TOTAL (INTERNAL COMB)             33             4           2264            506            238

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1059          2032          34619          13777           9331
                POINT SOURCES            237           260          14552           1025            979

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                40             0              0              0              0
    FOOD/AGRICULTURAL                    933             0             99             41             12
    SECONDARY METALS                      16             0              0             41              0
    MINERAL PRODUCTS                     500            16             11            102             13
    PETROLEUM INDUSTRY                    34            36             85             58              1
    ORGANIC SOLVENT EVAPORATION           16             0              0           3856              0
    PETROLEUM STORAGE/TRANSPORT            0             0              0           1019              0
    METAL FABRICATION                      2             0              0             87              0
    OTHER/NOT CLASSIFIED                 207             0              0           1466              0
    TOTAL (INDUSTRIAL)                  1748            52            195           6670             26

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              87             0              1            245            734
        OPEN BURNING                     365            13             95            494           1566
        TOTAL (RESIDENTIAL)              452            13             96            739           2300

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             452            13             96            739           2300

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        17905           623          13825          18874         190053
            LIGHT DUTY TRUCKS           3387           160           3190           4361          38765
            HEAVY DUTY VEHICLES         4829           359          10843          14871         233215
            OFF HIGHWAY                   54            29            611           1626          20570
            TOTAL (GASOLINE)           26175          1171          28469          39732         482603

        DIESEL

            HEAVY DUTY VEHICLES         4841          1949          17706           2584           8022
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                     RUN DATE:   MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                              AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
***************************                                             POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983
STATE:37 OKLAHOMA        AQCR:188 SOUTHEASTERN OKLAHOMA

                                PARTICULATES        SOX             NOX             VOC             CO
                                ************    ************    ************    ************    ************
                                 TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             11              48               2               7              61
            DISTILLATE OIL               0              12               3               0               0
            NATURAL GAS                 12               0             438              26              87
            WOOD                      3832              39             304            7956           23650
            TOTAL (RESIDENTIAL)       3855              99             747            7989           23798

        ELEC GENERATION (POINT)

            DISTILLATE OIL               0               0               0               1               1
            NATURAL GAS                100              20           18377              30             517
            TOTAL (ELEC GEN)           100              20           18377              31             518

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            28             246              52               0               7
            RESIDUAL OIL
                AREA SOURCES             1              20               4               0               0
            DISTILLATE OIL
                AREA SOURCES             9             105             117               1              27
                POINT SOURCES            0               0               2               0               0
            NATURAL GAS
                AREA SOURCES             8               1            4738            1810             633
                POINT SOURCES           24             202             844               9              41
            TOTAL (INDUSTRIAL)
                AREA SOURCES            46             372            4911            1811             667
                POINT SOURCES           24             202             846               9              41

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             0               1               0               0               0
            DISTILLATE OIL
                AREA SOURCES             0              22              17               0               2
            NATURAL GAS
                AREA SOURCES             1               0              94               3              17
            TOTAL (COMM-INST)
                AREA SOURCES             1              23             111               3              19

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          3902             494            5769            9803           24484
                POINT SOURCES          124             222           19223              40             559
```

HEAVY DUTY VEHICLES	554	275	2476	295	896
OFF HIGHWAY	124	98	1177	178	355
RAIL	125	284	1850	450	649
TOTAL (DIESEL)	803	657	5503	923	1900
AIRCRAFT					
MILITARY	32	2	16	38	77
CIVIL	8	3	32	96	1948
COMMERCIAL	1	3	31	27	84
TOTAL (AIRCRAFT)	41	8	79	161	2109
VESSELS					
DIESEL FUEL	28	36	266	66	94
GASOLINE	0	19	109	2376	8472
TOTAL (VESSELS)	28	55	375	2442	8566
TOTAL (TRANSPORTATION)	4956	969	11531	9888	74205
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	3412	30	802	3855	28099
FOREST MANAGED BURNING	4159	30	832	2974	23285
AGRICULTURAL BURNING	69	0	9	63	457
STRUCTURAL FIRES	41	0	3	30	165
GASOLINE STA EVAP LOSS	0	0	0	815	0
SOLVENT EVAPORATION LOSS	0	0	0	2035	0
UNPAVED ROADS	338669	0	0	0	0
UNPAVED AIRSTRIPS	38	0	0	0	0
TOTAL (MISCELLANEOUS)	346388	60	1646	9772	52006
GRAND TOTAL ***********					
AREA SOURCES	352810	2061	13936	22554	134722
POINT SOURCES	4063	786	6061	1319	2256
TOTAL	356873	2847	19997	23873	136978

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                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:38 OREGON        AQCR:194 SOUTHWEST OREGON                  POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                2                6                0                2               12
            DISTILLATE OIL                10              292               74                3               20
            NATURAL GAS                    4                0              112                6               23
            WOOD                        6945               73              549            14419            42855
            TOTAL (RESIDENTIAL)         6961              371              735            14430            42910

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              30              211               87                0               10
            RESIDUAL OIL
                POINT SOURCES             48             1651              302                0                0
            DISTILLATE OIL
                AREA SOURCES              21              519              234                9               56
            NATURAL GAS
                AREA SOURCES               0                0              457              179               63
                POINT SOURCES              1                1               49                0                0
            WOOD
                AREA SOURCES              30                2               30               18               50
                POINT SOURCES           2356                3             6604             1610             1356
            LIQUID PETROL GAS
                POINT SOURCES              0                0                6                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              81              732              808              206              179
                POINT SOURCES           2405             1655             6961             1610             1356

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               0                2                0                0                0
            RESIDUAL OIL
                AREA SOURCES              41              416              120                2               10
            DISTILLATE OIL
                AREA SOURCES               3              127               35                0                9
                POINT SOURCES              2               57               20                0                3
            NATURAL GAS
                AREA SOURCES               1                0               73                5               14
            TOTAL (COMM-INST)
                AREA SOURCES              45              545              228                7               33
                POINT SOURCES              2               57               20                0                3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            7087             1648             1771            14643            43122
```

ANTHRACITE COAL					
AREA SOURCES	338	1117	403	2	21
POINT SOURCES	58	867	321	2	19
BITUMINOUS COAL					
AREA SOURCES	43	310	45	0	26
RESIDUAL OIL					
POINT SOURCES	47	886	147	2	13
DISTILLATE OIL					
AREA SOURCES	27	385	267	2	67
POINT SOURCES	0	13	1	0	0
NATURAL GAS					
AREA SOURCES	21	4	769	41	154
POINT SOURCES	0	0	8	0	2
WOOD					
POINT SOURCES	376	439	457	117	2110
TOTAL (COMM-INST)					
AREA SOURCES	429	1816	1484	45	268
POINT SOURCES	481	2205	934	121	2144
TOTAL (EXTERNAL COMB)					
AREA SOURCES	13959	12890	15824	27649	87758
POINT SOURCES	5113	139639	52316	533	5158
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	13	0	383	11	107
TOTAL (ELEC GEN)	13	0	383	11	107
INDUSTRIAL FUEL					
NATURAL GAS	1	0	289	7	37
TOTAL (INDUSTRIAL)	1	0	289	7	37
TOTAL (INTERNAL COMB)	14	0	672	18	144
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	13959	12890	15824	27649	87758
POINT SOURCES	5127	139639	52988	551	5302
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1734	1953	589	1334	7
FOOD/AGRICULTURAL	283	0	0	0	0
PRIMARY METAL	2945	4928	329	2115	58965
SECONDARY METALS	2186	989	72	5	7670
MINERAL PRODUCTS	5711	12600	6228	1038	95
WOOD PRODUCTS	2100	198	0	31	0
ORGANIC SOLVENT EVAPORATION	28	0	0	15550	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	17123	0
METAL FABRICATION	8	0	0	6	0
TEXTILE MANUFACTURING	171	0	0	541	0
OTHER/NOT CLASSIFIED	23	6363	0	0	0
TOTAL (INDUSTRIAL)	15189	27031	7218	37743	66737
SOLID WASTE DISPOSAL *******************					
GOVERNMENT (POINT)					
OTHER INCINERATION	0	0	1	0	0
TOTAL (GOVERNMENT)	0	0	1	0	0

```
          AREA SOURCES                 290          960          344            2           20
          POINT SOURCES                 19          211           73            1            4
      BITUMINOUS COAL
          AREA SOURCES                  35          268           38            0           23
          POINT SOURCES                100          566           83            4           64
      RESIDUAL OIL
          POINT SOURCES                113         1581          282            5           26
      DISTILLATE OIL
          AREA SOURCES                  17          256          178            3           43
          POINT SOURCES                 29         4187          300            5           75
      NATURAL GAS
          AREA SOURCES                  20            4          654           35          130
          POINT SOURCES                  0            0            2            0            0
      TOTAL (COMM-INST)
          AREA SOURCES                 362         1488         1214           40          216
          POINT SOURCES                261         6545          740           15          169

    TOTAL (EXTERNAL COMB)
          AREA SOURCES               12687         6298        11629        26461        76812
          POINT SOURCES               6566       198375        55498          282         2112

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                     5           11           58            3           13
      NATURAL GAS                        8            0          225            7           63
      TOTAL (ELEC GEN)                  13           11          283           10           76

    INDUSTRIAL FUEL

      NATURAL GAS                        8            0         2715           66          343
      TOTAL (INDUSTRIAL)                 8            0         2715           66          343

    TOTAL (INTERNAL COMB)               21           11         2998           76          419

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES               12687         6298        11629        26461        76812
          POINT SOURCES               6587       198386        58496          358         2531

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                 9            0            6           10            0
  FOOD/AGRICULTURAL                    448            0            0            0            0
  SECONDARY METALS                    1707           59          136           70         1826
  MINERAL PRODUCTS                    8581         2193         2882          106          608
  WOOD PRODUCTS                        302          424           83            0         2573
  ORGANIC SOLVENT EVAPORATION           48            0            0        11311            0
  PETROLEUM STORAGE/TRANSPORT            0            0            0         3036            0
  METAL FABRICATION                     30            0            0          108            0
  TEXTILE MANUFACTURING                 33            0            0            0            0
  OTHER/NOT CLASSIFIED                 103         1993            0         3007            0
  TOTAL (INDUSTRIAL)                 11261         4669         3107        17648         5007

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    MUNICIPAL INCINERATION             210          230          276          138         3221
    TOTAL (GOVERNMENT)                 210          230          276          138         3221

  RESIDENTIAL (AREA)
```

```
*** J08 ***                                                                                 *** J08 ***
        ON SITE INCINERATION
                POINT SOURCES                       13             7             6            34            14
        OPEN BURNING
                POINT SOURCES                      191            11            67           334           951
        TOTAL (INDUSTRIAL)
                POINT SOURCES                      204            18            73           368           965

    TOTAL (SOLID WASTE DISP)
                POINT SOURCES                      447            84           246           740          1591

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                  20092           876         19146         22443        209939
            LIGHT DUTY TRUCKS                     3819           226          4423          5212         43049
            HEAVY DUTY VEHICLES                     46             7           209           159          2589
            OFF HIGHWAY                              2             1            19            50           635
            TOTAL (GASOLINE)                     23959          1110         23797         27864        256212

        DIESEL

            HEAVY DUTY VEHICLES                   1599           717          6517           859          2641
            OFF HIGHWAY                             14            11           129            20            39
            RAIL                                     2             4            28             7            10
            TOTAL (DIESEL)                        1615           732          6674           886          2690

    AIRCRAFT

        MILITARY                                   425            27           218           500          1031
        CIVIL                                        3             0            11            35           704
        COMMERCIAL                                  78           181          1887          1671          5195
        TOTAL (AIRCRAFT)                           506           208          2116          2206          6930

    VESSELS

        RESIDUAL OIL                               315          4160           679            40            21
        GASOLINE                                     0             0             2            47           166
        TOTAL (VESSELS)                            315          4160           681            87           187

    TOTAL (TRANSPORTATION)                       26395          6190         33268         31043        266019

MISCELLANEOUS (AREA)
********************

    FOREST MANAGED BURNING                       20164           151          4034         14416        112916
    AGRICULTURAL BURNING                          4443             0           631          4097         29531
    STRUCTURAL FIRES                               774             0            76           580          3158
    GASOLINE STA EVAP LOSS                           0             0             0          4089             0
    SOLVENT EVAPORATION LOSS                         0             0             0          4433             0
    TOTAL (MISCELLANEOUS)                        25381           151          4741         27615        145605

GRAND TOTAL
***********

    AREA SOURCES                                 52422         18087         61198         58706        412176

    POINT SOURCES                                64498        338976        128142         15365         34750

    TOTAL                                       116920        357063        169340         74071        446926
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```
*** J09 ***                                                                                                                     *** J09 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:053 AUGUSTA-AIKEN                                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                    PARTICULATES          SOX               NOX                VOC                CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    3                12                 0                 2                20
            DISTILLATE OIL                     2                33                20                 0                 5
            NATURAL GAS                        5                 1               180                10                36
            WOOD                            1806                19               143              3752             11150
            TOTAL (RESIDENTIAL)             1816                65               343              3764             11211

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 1602             16619              6728                22               192
            NATURAL GAS                        0                 0               285                 1                21
            TOTAL (ELEC GEN)                1602             16619              7013                23               213

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                427             10722              7579                20               476
            RESIDUAL OIL
                POINT SOURCES                265              3512               495                 2                45
            DISTILLATE OIL
                POINT SOURCES                  2               117                23                 0                 6
            NATURAL GAS
                AREA SOURCES                  11                 2              1469               354               174
                POINT SOURCES                  6                 1               634                 4                77
            WOOD
                POINT SOURCES                572                23               160                42                59
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  11                 2              1469               354               174
                POINT SOURCES               1272             14375              8891                68               663

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                   6                13                 6                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                   6                32                 6                 0                 4
            DISTILLATE OIL
                AREA SOURCES                   0                11                 8                 0                 2
            NATURAL GAS
                AREA SOURCES                   2                 0                54                 2                11
            TOTAL (COMM-INST)
                AREA SOURCES                  12                56                72                 2                17
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SELECT CARD = <42    199                                                        65>
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```
                AREA SOURCES              17          0          7         27          95
                POINT SOURCES             59         19         20        161         683

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1287         36        239       2366        7297
                POINT SOURCES             59         19         20        161         683

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES     14683        644      13855      16370      156214
               LIGHT DUTY TRUCKS        3558        215       4405       5180       43179
               HEAVY DUTY VEHICLES       618         55       1743       1936       30757
               OFF HIGHWAY                54         30        602       1599       20211
               TOTAL (GASOLINE)        18913        944      20605      25085      250361

          DIESEL

               HEAVY DUTY VEHICLES      2888       1300      11808       1554        4768
               OFF HIGHWAY               145        113       1365        208         413
               RAIL                       52        118        772        187         271
               TOTAL (DIESEL)           3085       1531      13945       1949        5452

     AIRCRAFT

          MILITARY                        11          1          6         13          26
          CIVIL                            4          2         21         63        1269
          COMMERCIAL                       5         11        116        103         320
          TOTAL (AIRCRAFT)                20         14        143        179        1615

     VESSELS

          GASOLINE                         0          0          5         79         289
          TOTAL (VESSELS)                  0          0          5         79         289

     TOTAL (TRANSPORTATION)            22018       2489      34698      27292      257717

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                    318          2         74        358        2620
     FOREST MANAGED BURNING             3132         23        627       2239       17542
     STRUCTURAL FIRES                    189          0         18        141         764
     GASOLINE STA EVAP LOSS                0          0          0       4106           0
     SOLVENT EVAPORATION LOSS              0          0          0      13694           0
     UNPAVED ROADS                     22981          0          0          0           0
     TOTAL (MISCELLANEOUS)             26620         25        719      20538       20926

GRAND TOTAL
***********

     AREA SOURCES                      51125       3538      39257      52944      292958

     POINT SOURCES                      3424      30622      10515       8263        5116

     TOTAL                             54549      34160      49772      61207      298074
```

```
      ON SITE INCINERATION              10           0           0          29          88
      OPEN BURNING                      32           1           8          44         138
      TOTAL (RESIDENTIAL)               42           1           8          73         226

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES             0           0           0           0           1
      TOTAL (COMM-INST)
                AREA SOURCES             0           0           0           0           1

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES            42           1           8          73         227

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           116          10         267         219        1771
         LIGHT DUTY TRUCKS              53           6         138         119         846
         HEAVY DUTY VEHICLES            12           2          64          65         747
         OFF HIGHWAY                     2           1          18          67         590
         TOTAL (GASOLINE)              183          19         467         430        3954

      DIESEL

         HEAVY DUTY VEHICLES            25          15         135          13          37
         OFF HIGHWAY                    22          17         207          32          63
         RAIL                            1           2          11           3           4
         TOTAL (DIESEL)                 48          36         353          48         104

   AIRCRAFT

      CIVIL                              0           0           0           1          29
      TOTAL (AIRCRAFT)                   0           0           0           1          29

   VESSELS

      GASOLINE                           0           0           1          17          61
      TOTAL (VESSELS)                    0           0           1          17          61

   TOTAL (TRANSPORTATION)              231          53         821         496        4148

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     17           0           4          19         138
   STRUCTURAL FIRES                      3           0           0           2          11
   GASOLINE STA EVAP LOSS                0           0           0          65           0
   SOLVENT EVAPORATION LOSS              0           0           0         135           0
   UNPAVED ROADS                      5921           0           0           0           0
   TOTAL (MISCELLANEOUS)              5941           0           4         221         149

GRAND TOTAL
***********

   AREA SOURCES                       6262         145         898         859        4737

   POINT SOURCES                       230           0           0           0           0

   TOTAL                              6492         145         898         859        4737
```

```
          POINT SOURCES                  3             1            13             0             1
      BITUMINOUS COAL
          POINT SOURCES                321          1994           656           156           842
      RESIDUAL OIL
          AREA SOURCES                  25           468            74             0             6
      DISTILLATE OIL
          POINT SOURCES                 36           944           385             6            91
      NATURAL GAS
          AREA SOURCES                  20             3           940            41           180
          POINT SOURCES                 19             8           889            14           132
      WOOD
          POINT SOURCES                  1             0             4            25            20
      OTHER
          POINT SOURCES                  1             0             1             0             0
      TOTAL (COMM-INST)
          AREA SOURCES                 214          1050          1215            41           191
          POINT SOURCES                381          2947          1948           201          1086

    TOTAL (EXTERNAL COMB)
          AREA SOURCES               43943         22203         29842         88742        252453
          POINT SOURCES              61403       1009442        273341         18046         25991

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                   238            98           192           342           932
      NATURAL GAS                       19             0            66             3            66
      TOTAL (ELEC GEN)                 257            98           258           345           998

    INDUSTRIAL FUEL

      DISTILLATE OIL                     0             0           623            18           106
      NATURAL GAS                        3            25         16931          1408          4066
      TOTAL (INDUSTRIAL)                 3            25         17554          1426          4172

    TOTAL (INTERNAL COMB)              260           123         17812          1771          5170

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES               43943         22203         29842         88742        252453
          POINT SOURCES              61663       1009565        291153         19817         31161

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING             14493          9634         10653         59599         36718
  FOOD/AGRICULTURAL                   3248            83            87            50            33
  PRIMARY METAL                      11568         17851          1350           424         30792
  SECONDARY METALS                    2998          2276          2337           625         29287
  MINERAL PRODUCTS                   21533         11098          6468          2592          3798
  PETROLEUM INDUSTRY                   302          5561           184           279          8992
  WOOD PRODUCTS                       7846          1429          2138          3033         11234
  ORGANIC SOLVENT EVAPORATION         1385           327            62         61821            81
  PETROLEUM STORAGE/TRANSPORT            8             0             0          7845             0
  METAL FABRICATION                     84             0            26           403            18
  TEXTILE MANUFACTURING                 25            12             9          1826             1
  OTHER/NOT CLASSIFIED                4842          1034           187          1281          1228
  TOTAL (INDUSTRIAL)                 68332         49305         23501        139778        122182

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION            19           235           281           135           752
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SELECT CARD = <44    207                                                    45>
STATE 44 COUNTY 1660 NOT FOUND IN POINT FILE
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                      RUN DATE:      MONDAY  NOVEMBER 28, 1983
STATE EMISSIONS REPORT                                                    AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
**********************                                                   POINT EMISSIONS AS OF:      MONDAY      JULY 11, 1983
STATE 45:TEXAS

                              PARTICULATES         SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            10             36                0                3               49
            DISTILLATE OIL              3             93               31                0                6
            NATURAL GAS               332             52            11942              630             2393
            WOOD                    11090            110              871            22997            68332
            TOTAL (RESIDENTIAL)     11435            291            12844            23630            70780

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         25008         165091           180453              935             5256
            LIGNITE                 15433         157387           119279              945             8649
            RESIDUAL OIL              177           1526             1380                8               54
            DISTILLATE OIL             34            319              333                2               65
            NATURAL GAS              4630           1049           248776             1101            11863
            PROCESS GAS                 0              1             1835                0                0
            OTHER                     199              2              163               28               67
            TOTAL (ELEC GEN)        45481         325375           552219             3019            25954

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        19772         115560            28737               90             3698
            LIGNITE
                POINT SOURCES       16200          43800             8589               67              403
            RESIDUAL OIL
                AREA SOURCES        10030         155295            28730              147             2611
                POINT SOURCES         788          11075             2386               24              321
            DISTILLATE OIL
                AREA SOURCES          823          12650             9367              308             2211
                POINT SOURCES         625           2811             3289                6              132
            NATURAL GAS
                AREA SOURCES         1959            379          1637759           569093           194849
                POINT SOURCES        4627           1768           122769             5342            39244
            PROCESS GAS
                POINT SOURCES        5673          66315            34842             5366             3799
            COKE
                POINT SOURCES           0              0               21                0                0
            WOOD
                POINT SOURCES        4936             61              504              560             1243
            LIQUID PETROL GAS
                POINT SOURCES           5              0               35                1               45
            BAGASSE
                POINT SOURCES         105              0                2               14                4
            OTHER
        ELECTRIC GENERATION

            NATURAL GAS                          0            6           579           77           701
            TOTAL (ELEC GEN)                     0            6           579           77           701

        INDUSTRIAL FUEL

            NATURAL GAS                          0            0           494          122            63
            TOTAL (INDUSTRIAL)                   0            0           494          122            63

        TOTAL (INTERNAL COMB)                    0            6          1073          199           764

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   779         6532         22942         8381          3529
                POINT SOURCES                  649         7903          7987          274          1848

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                       1          402             0            0             2
    PRIMARY METAL                              517        52587             0            0          1341
    SECONDARY METALS                             3            0             0            0             0
    MINERAL PRODUCTS                          3521            0             4            0             0
    PETROLEUM INDUSTRY                         244         2749          1402         1935            29
    PETROLEUM STORAGE/TRANSPORT                  0            0             0         1159             0
    TOTAL (INDUSTRIAL)                        4286        55738          1406         3094          1372

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   108            2             3          305           911
        OPEN BURNING                           344           12            88          466          1476
        TOTAL (RESIDENTIAL)                    452           14            91          771          2387

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    25            8            12           15            35
        OPEN BURNING
                AREA SOURCES                     1            0             0            2             4
        TOTAL (COMM-INST)
                AREA SOURCES                    26            8            12           17            39

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    14            2             2           13            20
                POINT SOURCES                    2            1             1            1             2
        OPEN BURNING
                AREA SOURCES                     5            0             2            9            30
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    19            2             4           22            50
                PCINT SOURCES                    2            1             1            1             2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   497           24           107          810          2476
                POINT SOURCES                    2            1             1            1             2

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
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••• J17 •••                                                                                                                                        ••• J17 •••

SELECT CARD = <45    213                                                                                       65>
STATE 45 COUNTY 2770 NOT FOUND IN POINT FILE
STATE 45 COUNTY 5700 NOT FOUND IN POINT FILE
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*** J18 ***                                                                                                    *** J18 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                             RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                                 AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:216 METROPOLITAN HOUSTON-GALVESTON            POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                                  PARTICULATES         SOX            NOX            VOC             CO
                                  ************    ************   ************   ************   ************
                                   TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                1               2              0              0              3
            DISTILLATE OIL                 1              21              8              0              2
            NATURAL GAS                   64              13           2194            118            441
            WOOD                        1023              11             81           2127           6321
            TOTAL (RESIDENTIAL)         1089              47           2283           2245           6767

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             5042           43872          16313            225            294
            RESIDUAL OIL                  47             967           1028              7             34
            DISTILLATE OIL                 0              55             20              0              1
            NATURAL GAS                  416             123          72411            491           3675
            TOTAL (ELEC GEN)            5505           45017          89772            723           4004

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            5943           34727           8638             30           1114
            RESIDUAL OIL
                AREA SOURCES            2042           31904           5846             30            532
                POINT SOURCES             89             171            636              8            148
            DISTILLATE OIL
                AREA SOURCES             187            2762           2082             69            491
                POINT SOURCES            331            1868           2593              3             52
            NATURAL GAS
                AREA SOURCES             752             149         550338         217833          74587
                POINT SOURCES           1722             497          59290           4903          35071
            PROCESS GAS
                POINT SOURCES           1398            5371          10960            541            934
            WOOD
                POINT SOURCES            468               8             90            102            240
            LIQUID PETROL GAS
                POINT SOURCES              3               0              5              1              2
            OTHER
                POINT SOURCES            434            1104            331           1917             36
            TOTAL (INDUSTRIAL)
                AREA SOURCES            8924           69542         566904         217962          76724
                POINT SOURCES           4445            9019          73905           7475          36483

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                POINT SOURCES              0              16              3              0              1
```

```
SELECT CARD = <37                                                                   25>
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          OFF HIGHWAY                  306          241          2898          440          874
          RAIL                         272          618          4018          976         1411
          TOTAL (DIESEL)              5419         2808         24622         4000        10307

    AIRCRAFT

       MILITARY                        321           21           165          377          778
       CIVIL                             9            4            43          138         2737
       COMMERCIAL                       16           32           334          295          918
       TOTAL (AIRCRAFT)                344           57           542          810         4433

    VESSELS

       GASOLINE                          0            2            12          285         1016
       TOTAL (VESSELS)                   0            2            12          285         1016

    TOTAL (TRANSPORTATION)           31938         4038         53645        44827       498359

MISCELLANEOUS (AREA)
*******************

    FOREST WILDFIRES                  1246           10           292         1407        10262
    FOREST MANAGED BURNING              44            0             9           32          248
    STRUCTURAL FIRES                   223            0            21          166          908
    GASOLINE STA EVAP LOSS               0            0             0         5280            0
    SOLVENT EVAPORATION LOSS             0            0             0        12158            0
    UNPAVED ROADS                   140727            0             0            0            0
    TOTAL (MISCELLANEOUS)           142240           10           322        19043        11418

GRAND TOTAL
***********

    AREA SOURCES                    175689         6093         88682        78386       521408

    POINT SOURCES                     1985          312         14747         7695         1005

    TOTAL                           177674         6405        103429        86081       522413
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                                                                                                                         *** K03 ***
*** K03 ***
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     2                 1                 8                 0                 1
            NATURAL GAS                        1                 0               188                 3                 8
            TOTAL (ELEC GEN)                   3                 1               196                 3                 9

        INDUSTRIAL FUEL

            NATURAL GAS                        0                 1              1956                37                12
            TOTAL (INDUSTRIAL)                 0                 1              1956                37                12

        TOTAL (INTERNAL COMB)                  3                 2              2152                40                21

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                3902               494              5769              9803             24484
                POINT SOURCES                127               224             21375                80               580

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    53                 0                 0                 0                 0
    FOOD/AGRICULTURAL                        134                 0                 0                 0                 0
    MINERAL PRODUCTS                        2150                69               690                15                16
    PETROLEUM INDUSTRY                       403              4790              1594              3625             60125
    WOOD PRODUCTS                              3                 0                45                74               238
    ORGANIC SOLVENT EVAPORATION                0                 0                 0               663                 0
    PETROLEUM STORAGE/TRANSPORT                0                 0                 0              7090                 0
    OTHER/NOT CLASSIFIED                       2                 0                 0               478                 0
    TOTAL (INDUSTRIAL)                      2745              4859              2329             11945             60379

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  88                 0                 0               245               730
        OPEN BURNING                         818                29               211              1102              3504
        TOTAL (RESIDENTIAL)                  906                29               211              1347              4234

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 906                29               211              1347              4234

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             6789               354              8083              8562             77998
            LIGHT DUTY TRUCKS               1296                91              1845              1975             15816
            HEAVY DUTY VEHICLES             1296               137              4404              4265             68314
            OFF HIGHWAY                       23                 7               221               583              7365
            TOTAL (GASOLINE)                9404               589             14553             15385            169493

        DIESEL

            HEAVY DUTY VEHICLES             1457               734              6516               760              2308
            OFF HIGHWAY                      255               199              2403               367               726
            RAIL                             104               232              1506               366               530
            TOTAL (DIESEL)                  1816              1165             10425              1493              3564

    AIRCRAFT
```

```
SELECT CARD = <38    191                                                                                     45>
STATE 38 COUNTY 1900 NOT FOUND IN POINT FILE
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```
                  POINT SOURCES            2407          1712          6981          1610          1359

   TOTAL (FUEL COMBUSTION)

                  AREA SOURCES             7087          1648          1771         14643         43122
                  POINT SOURCES            2407          1712          6981          1610          1359

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                     5             0             0           825          1628
   FOOD/AGRICULTURAL                         13             0             0             0             0
   PRIMARY METAL                              0             0             0            20             0
   SECONDARY METALS                         270            91             0             0             0
   MINERAL PRODUCTS                         884           406           162             2            16
   WOOD PRODUCTS                           5274           413           395           454            88
   ORGANIC SOLVENT EVAPORATION                0             0             0          3823             0
   PETROLEUM STORAGE/TRANSPORT                0             0             0             5             0
   OTHER/NOT CLASSIFIED                     299             0           625           168             0
   TOTAL (INDUSTRIAL)                      6745           910          1182          5297          1732

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                 66            23            28            28            96
      OPEN BURNING                          116             7            42           217           617
      TOTAL (GOVERNMENT)                    182            30            70           245           713

   RESIDENTIAL (AREA)

      OPEN BURNING                          455            16           116           616          1951
      TOTAL (RESIDENTIAL)                   455            16           116           616          1951

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
            AREA SOURCES                      2             0             0             4             8
      TOTAL (COMM-INST)
            AREA SOURCES                      2             0             0             4             8

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                      4             0             0             4             8
            POINT SOURCES                   245             5            68            41          1727
      OPEN BURNING
            AREA SOURCES                     10             0             5            15            50
            POINT SOURCES                     0             0             0             0             1
      TOTAL (INDUSTRIAL)
            AREA SOURCES                     14             0             5            19            58
            POINT SOURCES                   245             5            68            41          1728

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                    471            16           121           639          2017
            POINT SOURCES                   427            35           138           286          2441

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               4988           250          5686          6637         61481
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*** K06 ***                                                                                    *** K06 ***
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 41            0             1           114           343
        OPEN BURNING                       2764          103           707          3727         11824
        TOTAL (RESIDENTIAL)                2805          103           708          3841         12167

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 14            5             6             9            22
                POINT SOURCES                 4            4            10             2            12
        OPEN BURNING
                POINT SOURCES                17            0             4            24           140
        TOTAL (COMM-INST)
                AREA SOURCES                 14            5             6             9            22
                POINT SOURCES                21            4            14            26           152

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 13            2             2            12            21
                POINT SOURCES                55           20            45            32            59
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 13            2             2            12            21
                POINT SOURCES                55           20            45            32            59

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               2832          110           716          3862         12210
                POINT SOURCES                76           24            60            58           211

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           30033         1265         27856         33458        332862
            LIGHT DUTY TRUCKS              6453          399          8232          9232         79814
            HEAVY DUTY VEHICLES            1719          154          4908          5549         87835
            OFF HIGHWAY                     104           57          1154          3069         38803
            TOTAL (GASOLINE)              38309         1875         42150         51308        539314

        DIESEL

            HEAVY DUTY VEHICLES            4375         1984         17983          2354          7216
            OFF HIGHWAY                     528          410          4957           754          1497
            RAIL                            247          562          3649           884          1281
            TOTAL (DIESEL)                 5150         2956         26589          3992          9994

    AIRCRAFT

        MILITARY                             27            2            14            32            66
        CIVIL                                 8            4            44           134          2706
        COMMERCIAL                           14           32           337           297           926
        TOTAL (AIRCRAFT)                     49           38           395           463          3698

    VESSELS

        GASOLINE                              0           13            88          1916          6827
        TOTAL (VESSELS)                       0           13            88          1916          6827

    TOTAL (TRANSPORTATION)                43508         4882         69222         57679        559833

MISCELLANEOUS (AREA)
```

```
      ON SITE INCINERATION              16          0          0         45        135
      OPEN BURNING                    2517         93        645       3395      10773
      TOTAL (RESIDENTIAL)             2533         93        645       3440      10908

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               8          2          3          5         10
              POINT SOURCES              9          3          4          4         13
      TOTAL (COMM-INST)
              AREA SOURCES               8          2          3          5         10
              POINT SOURCES              9          3          4          4         13

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               3          0          0          3          5
              POINT SOURCES            171          3         14          7          7
      TOTAL (INDUSTRIAL)
              AREA SOURCES               3          0          0          3          5
              POINT SOURCES            171          3         14          7          7

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES            2544         95        648       3448      10923
              POINT SOURCES            390        236        294        149       3241

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         20862        956      21142      24361     235530
         LIGHT DUTY TRUCKS            5307        337       7000       7725      65943
         HEAVY DUTY VEHICLES          1435        132       4259       4659      73943
         OFF HIGHWAY                    86         47        971       2580      32609
         TOTAL (GASOLINE)            27690       1472      33372      39325     408025

      DIESEL

         HEAVY DUTY VEHICLES          4997       2309      20920       2683       8204
         OFF HIGHWAY                   428        335       4033        615       1220
         RAIL                          187        423       2743        665        964
         TOTAL (DIESEL)               5612       3067      27696       3963      10388

   AIRCRAFT

      MILITARY                          87          5         45        103        213
      CIVIL                             11          4         44        135       2733
      COMMERCIAL                        10         24        248        220        683
      TOTAL (AIRCRAFT)                 108         33        337        458       3629

   VESSELS

      GASOLINE                           0         13         75       1658       5905
      TOTAL (VESSELS)                    0         13         75       1658       5905

   TOTAL (TRANSPORTATION)            33410       4585      61480      45404     427947

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    143          0         33        161       1178
   STRUCTURAL FIRES                    360          0         35        269       1465
   GASOLINE STA EVAP LOSS                0          0          0       5422          0
```

```
SELECT CARD = <41                                                    25>
```

```
*** K09 ***                                                                                                             *** K09 ***
          TOTAL (EXTERNAL COMB)
                    AREA SOURCES              1839              123             1884              4120             11402
                    POINT SOURCES             2874            30994            15904                91               876

     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES              1839              123             1884              4120             11402
                    POINT SOURCES             2874            30994            15904                91               876

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                      1                1             1107               139                 0
     FOOD/AGRICULTURAL                         163                0                0                 0                 0
     MINERAL PRODUCTS                        12603             7123             1919                82                50
     WOOD PRODUCTS                             296                0                0               400                 0
     ORGANIC SOLVENT EVAPORATION                 0                0                0               786                 0
     PETROLEUM STORAGE/TRANSPORT                 0                0                0                 1                 0
     TEXTILE MANUFACTURING                       0                0                0               374                 0
     TOTAL (INDUSTRIAL)                      13063             7124             3026              1782                50

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                 138                2                3               388              1163
          OPEN BURNING                         603               23              154               814              2580
          TOTAL (RESIDENTIAL)                  741               25              157              1202              3743

     COMMERCIAL-INSTITUTIONAL

          OPEN BURNING
                    AREA SOURCES                 6                0                2                14                34
          TOTAL (COMM-INST)
                    AREA SOURCES                 6                0                2                14                34

     INDUSTRIAL

          ON SITE INCINERATION
                    POINT SOURCES              123               11               17               169              1372
          OPEN BURNING
                    AREA SOURCES                 8                0                4                12                40
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                 8                0                4                12                40
                    POINT SOURCES              123               11               17               169              1372

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES               755               25              163              1228              3817
                    POINT SOURCES              123               11               17               169              1372

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES            4247              202             4414              4950             46360
               LIGHT DUTY TRUCKS              1097               71             1440              1614             13265
               HEAVY DUTY VEHICLES             172               18              561               549              8817
               OFF HIGHWAY                      14                7              163               436              5508
               TOTAL (GASOLINE)               5530              298             6578              7549             73950

          DIESEL
```

```
*** K10 ***                                                                                              *** K10 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:      MONDAY   NOVEMBER 28, 1983
***************************                                       AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:199 CHARLESTON                     POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                             PARTICULATES       SOX             NOX             VOC             CO
                             ************   ************    ************    ************    ************
                              TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                2              6               0               1               9
         DISTILLATE OIL                 5             64              40               1              11
         NATURAL GAS                    6              1             203              11              41
         WOOD                         570              7              45            1183            3518
         TOTAL (RESIDENTIAL)          583             78             288            1196            3579

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             4611          27264            7809              26             223
         RESIDUAL OIL                2407          11486            2278              26             170
         NATURAL GAS                    1              0             242               1              18
         TOTAL (ELEC GEN)            7019          38750           10329              53             411

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             POINT SOURCES            959            623             224               1              80
         RESIDUAL OIL
             POINT SOURCES            225           3006             591               3              54
         DISTILLATE OIL
             POINT SOURCES              8            277              76               1              20
         NATURAL GAS
             AREA SOURCES               6              1             865             208             103
             POINT SOURCES              3              0             140               3              34
         WOOD
             POINT SOURCES            138             10             119             134             316
         TOTAL (INDUSTRIAL)
             AREA SOURCES               6              1             865             208             103
             POINT SOURCES           1333           3916            1150             142             504

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES              12             37              14               0               1
         BITUMINOUS COAL
             AREA SOURCES              20             84              18               1              12
             POINT SOURCES            398           1554             187               2             149
         RESIDUAL OIL
             POINT SOURCES             47            628             106               2              10
         DISTILLATE OIL
             AREA SOURCES               1             25              18               0               4
             POINT SOURCES              9            193              89               1              23
```

```
SELECT CARD = <42    203                                              45>
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*** K12 ***                                                                                                               *** K12 ***

SELECT CARD = <43   087                                                                       45>
STATE 43 COUNTY 1060 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1660 NOT FOUND IN POINT FILE
```

```
      OTHER INCINERATION                 10          8         53         11          0
      TOTAL (GOVERNMENT)                 29        243        334        146        752

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             2527         27         72       7114      21333
      OPEN BURNING                     7207        273       1833       9723      30841
      TOTAL (RESIDENTIAL)              9736        300       1905      16837      52174

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              POINT SOURCES             615         67        496         77        869
      OPEN BURNING
              AREA SOURCES               43          2         15         85        226
      TOTAL (COMM-INST)
              AREA SOURCES               43          2         15         85        226
              POINT SOURCES             615         67        496         77        869

   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES            1104        637        792        855       5256
      OPEN BURNING
              AREA SOURCES               86          0         62        130        435
              POINT SOURCES              36          2         66         62        136
      TOTAL (INDUSTRIAL)
              AREA SOURCES               86          0         62        130        435
              POINT SOURCES            1140        639        858        917       5392

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             9863        302       1962      17052      52835
              POINT SOURCES            1784        949       1688       1140       7013

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          79621       3454      74723      86879     845116
         LIGHT DUTY TRUCKS            21860       1424      29148      31765     263439
         HEAVY DUTY VEHICLES           5147        462      14828      16634     263553
         OFF HIGHWAY                    243        129       2745       7302      92291
         TOTAL (GASOLINE)            106871       5469     121444     142580    1464397

      DIESEL

         HEAVY DUTY VEHICLES          17575       7558      68942       9514      29283
         OFF HIGHWAY                   1010        782       9448       1441       2857
         RAIL                          1559       3537      22949       5575       8061
         TOTAL (DIESEL)               20144      11877     101339      16530      40201

   AIRCRAFT

      MILITARY                          209         13        107        247        508
      CIVIL                              22          9        129        398       7933
      COMMERCIAL                         69        161       1671       1481       4597
      TOTAL (AIRCRAFT)                  300        183       1907       2126      13038

   VESSELS

      DIESEL FUEL                       702        881       6581       1651       2307
      GASOLINE                            0         60        364       8058      28757
      TOTAL (VESSELS)                   702        941       6945       9709      31064
```

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*** K14 ***                                                                                                      *** K14 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:   MONDAY  NOVEMBER 28, 1983
****************************                                            AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1983
STATE:44 TENNESSEE    AQCR:207 EASTERN TENNESSEE-SOUTHWESTERN           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                               PARTICULATES        SOX             NOX              VOC              CO
                               ************    *************   *************   *************   *************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

           BITUMINOUS COAL              352            1082              72             233            2099
           DISTILLATE OIL                60             679             424              16             116
           NATURAL GAS                   10               1             370              19              74
           WOOD                        6788              73             538           14092           41872
           TOTAL (RESIDENTIAL)         7210            1835            1404           14360           44161

       ELEC GENERATION (POINT)

           BITUMINOUS COAL             9188          237233           99411            1390            2587
           RESIDUAL OIL                   7             185               0               0               0
           DISTILLATE OIL                 1              66              24               4              13
           TOTAL (ELEC GEN)            9196          237484           99435            1394            2600

       INDUSTRIAL FUEL

           BITUMINOUS COAL
              AREA SOURCES             1520            8548            2834               9             364
              POINT SOURCES           19647           63927           18828             690            3161
           RESIDUAL OIL
              POINT SOURCES             908           17953            2182             203            1283
           DISTILLATE OIL
              POINT SOURCES              69            1071             269               6              51
           NATURAL GAS
              AREA SOURCES               15               3            4690            1567             610
              POINT SOURCES             151             198            2404              73             409
           PROCESS GAS
              AREA SOURCES                5              20              22               0               1
           WOOD
              POINT SOURCES             640             164            1293            7132            5625
           LIQUID PETROL GAS
              POINT SOURCES               0               0               7               0               1
           OTHER
              POINT SOURCES               3              23              14               2               7
           TOTAL (INDUSTRIAL)
              AREA SOURCES             1560            8571            7546            1576             975
              POINT SOURCES           21398           83336           24997            8106           10537

       COMM-INSTITUTIONAL FUEL


           ANTHRACITE COAL
              AREA SOURCES               63             206              71               0               2
           BITUMINOUS COAL
```

```
          POINT SOURCES              823          1852          456          1987           36
       TOTAL (INDUSTRIAL)
          AREA SOURCES             32584        283684      1504595        569638       203369
          POINT SOURCES            33782        105622       172893         13345        45227

    COMM-INSTITUTIONAL FUEL


       ANTHRACITE COAL
          AREA SOURCES                 8            28           10             0            0
       BITUMINOUS COAL
          AREA SOURCES                 4            84           16             0            8
       RESIDUAL OIL
          AREA SOURCES              1168         18760         3416            68          310
          POINT SOURCES                0             1            0             0            0
       DISTILLATE OIL
          AREA SOURCES               456          9836         4556            68         1138
          POINT SOURCES                0            16            3             0            1
       NATURAL GAS
          AREA SOURCES               199            36         7494           370         1486
          POINT SOURCES               55             1          730            16           24
       TOTAL (COMM-INST)
          AREA SOURCES              1835         28744        15488           506         2942
          POINT SOURCES               55            18          733            16           25

    TOTAL (EXTERNAL COMB)
          AREA SOURCES             45854        312719      1532925        593776       277091
          POINT SOURCES            79318        431013       725845         16378        71206

 INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

       DISTILLATE OIL                 24           169         1368            24           41
       NATURAL GAS                   220           135        14487           951         2131
       TOTAL (ELEC GEN)              244           304        15855           975         2172

    INDUSTRIAL FUEL

       DISTILLATE OIL                 81            71         1632           303          310
       NATURAL GAS                  2782          1397       426171          9593        56837
       GASOLINE                      362             9          166           322         6446
       OTHER                           3             3            6            12            8
       TOTAL (INDUSTRIAL)           3228          1480       427973         10230        63601

    ENGINE-TESTING

       TOTAL (ENG TESTNG)            155            10           10           159           92

    TOTAL (INTERNAL COMB)           3627          1794       443838         11364        65865

 TOTAL (FUEL COMBUSTION)

          AREA SOURCES             45854        312719      1532925        593776       277091
          POINT SOURCES            82945        432807      1169683         27742       137071

INDUSTRIAL PROCESS (POINT)
*************************

 CHEMICAL MANUFACTURING            12356        294891        15195        299777      1076701
 FOOD/AGRICULTURAL                 37752             9           16           305            2
 PRIMARY METAL                     25039         63329         3362          1153       189399
 SECONDARY METALS                   3959          2124          425           256         6999
 MINERAL PRODUCTS                 148988         59633        23470          3128         1960
 PETROLEUM INDUSTRY                17835        145229       107687        131862       524101
 WOOD PRODUCTS                     25907          2538         1233           443        18111
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      GASOLINE

          LIGHT DUTY VEHICLES              9830            308            6880           11606          165206
          LIGHT DUTY TRUCKS                2783            160            2142            3708           63730
          HEAVY DUTY VEHICLES               430             29             862            1279           20064
          OFF HIGHWAY                        25             13             285             759            9605
          TOTAL (GASOLINE)                13068            490            8169           17350          218605

      DIESEL

          HEAVY DUTY VEHICLES              1380            517            6779             758            2359
          OFF HIGHWAY                       490            384            4615             703            1395
          RAIL                              241            548            3556             864            1249
          TOTAL (DIESEL)                   2111           1449           12950            2325            5003

   AIRCRAFT

      MILITARY                              272             18             160             320             662
      CIVIL                                   3              2              17              56            1093
      COMMERCIAL                              9             22             229             203             629
      TOTAL (AIRCRAFT)                      284             42             386             577            2384

   VESSELS

      GASOLINE                                0              1               8             176             626
      TOTAL (VESSELS)                         0              1               8             176             626

   TOTAL (TRANSPORTATION)                 15463           1982           21513           20428          226618

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                         108              0              10              82             442
   GASOLINE STA EVAP LOSS                     0              0               0            2381               0
   SOLVENT EVAPORATION LOSS                   0              0               0            5844               0
   UNPAVED ROADS                         291305              0               0               0               0
   UNPAVED AIRSTRIPS                         11              0               0               0               0
   TOTAL (MISCELLANEOUS)                 291424              0              10            8307             442

GRAND TOTAL
***********

   AREA SOURCES                          308163           8538           44572           37926          233065

   POINT SOURCES                           4937          63642            9394            3369            3222

   TOTAL                                 313100          72180           53966           41295          236287
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:213 BROWNSVILLE-LAREDO                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              6               2               0               0
         NATURAL GAS                   6              1             272              14              54
         WOOD                         53              0               4             111             329
         TOTAL (RESIDENTIAL)          59              7             278             125             383

      ELEC GENERATION (POINT)

         NATURAL GAS                 272            619            7598              21             107
         TOTAL (ELEC GEN)            272            619            7598              21             107

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            571           3334             830               3             106
         RESIDUAL OIL
             AREA SOURCES            238           3756             684               6              62
         DISTILLATE OIL
             AREA SOURCES             24            356             268               9              62
             POINT SOURCES            37             25              65               1              13
         NATURAL GAS
             AREA SOURCES             28              5           20204            7998            2739
             POINT SOURCES            68              0             968               0              21
         BAGASSE
             POINT SOURCES           105              0               2              14               4
         TOTAL (INDUSTRIAL)
             AREA SOURCES            861           7451           21986            8016            2969
             POINT SOURCES           210             25            1035              15              38

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
             AREA SOURCES              6              1             224               9              44
         TOTAL (COMM-INST)
             AREA SOURCES              6              1             224               9              44

      TOTAL (EXTERNAL COMB)
             AREA SOURCES            926           7459           22488            8150            3396
             POINT SOURCES           482            644            8633              36             145

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION
```

```
          NATURAL GAS
              AREA SOURCES                    60                 11                2067                 109                 414
              POINT SOURCES                    0                  0                   9                   0                   2
          TOTAL (COMM-INST)
              AREA SOURCES                    60                 11                2067                 109                 414
              POINT SOURCES                    0                 16                  12                   0                   3

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                 10073              69600              571256              220316               83905
              POINT SOURCES                 9950              54052              163689                8198               40490

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                      10                153                 100                   7                   3
          NATURAL GAS                        116                112                7349                 327                 743
          TOTAL (ELEC GEN)                   126                265                7449                 334                 746

      INDUSTRIAL FUEL

          DISTILLATE OIL                       1                  1                  16                   0                   4
          NATURAL GAS                        242                 27               48006                2435                9883
          GASOLINE                             0                  0                   0                   0                   1
          TOTAL (INDUSTRIAL)                 243                 28               48022                2435                9888

      TOTAL (INTERNAL COMB)                  369                293               55471                2769               10634

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 10073              69600              571256              220316               83905
              POINT SOURCES                10319              54345              219160               10967               51124

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                    3154              37462                5047              102491              160840
  FOOD/AGRICULTURAL                         2759                  3                  11                  28                   0
  PRIMARY METAL                             6389                 18                 155                  29                7403
  SECONDARY METALS                           312                803                 122                  16                  55
  MINERAL PRODUCTS                          5352               1632                 911                  68                 114
  PETROLEUM INDUSTRY                        9769              44362               42455               60333              348487
  WOOD PRODUCTS                              796                698                 903                  40                7223
  ORGANIC SOLVENT EVAPORATION                  5                  4                   4                3263                  10
  PETROLEUM STORAGE/TRANSPORT                 15                  0                   0               32761                   0
  METAL FABRICATION                          791                  0                   0                  11                   0
  OTHER/NOT CLASSIFIED                       226                122                  70                9989                  33
  TOTAL (INDUSTRIAL)                       29568              85104               49678              209029              524165

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      OPEN BURNING                            10                  1                   4                  18                  51
      TOTAL (GOVERNMENT)                      10                  1                   4                  18                  51

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                   658                  9                  19                1848                5543
      OPEN BURNING                          2088                 79                 534                2817                8933
      TOTAL (RESIDENTIAL)                   2746                 88                 553                4665               14476

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
```

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*** L01 ***                                                                                                    *** L01 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE EMISSIONS REPORT                                                    RUN DATE:      MONDAY   NOVEMBER 28, 1983
**************************                                    AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
STATE 37:OKLAHOMA                                            POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                               PARTICULATES        SOX             NOX             VOC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              46             209               7              33             263
            DISTILLATE OIL                1              75              29               0               4
            NATURAL GAS                 116              13            3934             211             784
            WOOD                      16614             172            1317           34487          102508
            TOTAL (RESIDENTIAL)       16777             469            5287           34731          103559

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            5645           57423           87861             724            1329
            DISTILLATE OIL                0              21              10               1               3
            NATURAL GAS                 496             106           69756             121            2274
            TOTAL (ELEC GEN)           6141           57550          157627             846            3606

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES            19              29             240               0              13
            BITUMINOUS COAL
                AREA SOURCES            439            3725             804               2              97
                POINT SOURCES            71            1736            1555              43             132
            RESIDUAL OIL
                AREA SOURCES             19             295              65               0               4
                POINT SOURCES            58             686             165               1               8
            DISTILLATE OIL
                AREA SOURCES            162            1683            1898              58             445
                POINT SOURCES             3               0              22               0               1
            NATURAL GAS
                AREA SOURCES            192              35          100322           38269           13425
                POINT SOURCES           307            1105           12140             151             522
            PROCESS GAS
                POINT SOURCES          1305            7313            1240            1207              31
            WOOD
                POINT SOURCES            40              39             429             201             201
            LIQUID PETROL GAS
                POINT SOURCES             0               0               1               0               0
            OTHER
                POINT SOURCES             0               0               1               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            812            5738          103089           38329           13971
                POINT SOURCES          1803           10908           15793            1603             908

        COMM-INSTITUTIONAL FUEL
```

```
SELECT CARD = <37    185                                                   45>
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```
        MILITARY                                1              0              0              1              2
        CIVIL                                   3              1             19             61           1228
        TOTAL (AIRCRAFT)                        4              1             19             62           1230

    VESSELS

        GASOLINE                                0             28            160           3524          12560
        TOTAL (VESSELS)                         0             28            160           3524          12560

    TOTAL (TRANSPORTATION)                  11224           1783          25157          20464         186847

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         3938             35            927           4445          32423
    FOREST MANAGED BURNING                    142              1             28            102            797
    STRUCTURAL FIRES                           88              0              6             64            357
    GASOLINE STA EVAP LOSS                      0              0              0           1765              0
    SOLVENT EVAPORATION LOSS                    0              0              0           3445              0
    UNPAVED ROADS                          166319              0              0              0              0
    TOTAL (MISCELLANEOUS)                  170487             36            961           9821          33577

GRAND TOTAL
***********

    AREA SOURCES                           186519           2342          32098          41435         249142

    POINT SOURCES                            2872           5083          23704          12025          60959

    TOTAL                                  189391           7425          55802          53460         310101
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                              RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
***************************                                       POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983
STATE:38 OREGON          AQCR:191 EASTERN OREGON

                               PARTICULATES         SOX              NOX              VOC              CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             19               46                4               12              109
            DISTILLATE OIL               8              244               61                1               16
            NATURAL GAS                  1                0               70                3               13
            WOOD                      1290               15              102             2680             7963
            TOTAL (RESIDENTIAL)       1318              305              237             2696             8101

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            338             6914            12571              148              990
            DISTILLATE OIL               0               32               18                1               10
            TOTAL (ELEC GEN)           338             6946            12589              149             1000

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            29              209               87                0               12
                POINT SOURCES           78              496              958               14               54
            RESIDUAL OIL
                POINT SOURCES           13              268               82                1                6
            DISTILLATE OIL
                AREA SOURCES             6              187               84                2               20
            NATURAL GAS
                AREA SOURCES             0                0              204               81               28
                POINT SOURCES            4                0              158                2                9
            WOOD
                AREA SOURCES            20                1               20               11               34
                POINT SOURCES          909                9             3768              740              746
            LIQUID PETROL GAS
                POINT SOURCES            0                0                4                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            55              397              395               94               94
                POINT SOURCES         1004              773             4970              757              815

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             0                1                0                0                0
            RESIDUAL OIL
                AREA SOURCES            22              219               64                0                5
            DISTILLATE OIL
                AREA SOURCES             1               65               19                0                5
                POINT SOURCES           24               71              127                4                6
            NATURAL GAS
        LIGHT DUTY TRUCKS                2874        194       4159       4630      38134
        HEAVY DUTY VEHICLES               201         21        676        669      10687
        OFF HIGHWAY                        19         11        215        573       7250
        TOTAL (GASOLINE)                 8082        476      10736      12509     117552

      DIESEL

        HEAVY DUTY VEHICLES              1295        642       5777        690       2096
        OFF HIGHWAY                       111         87       1047        160        317
        RAIL                              231        528       3432        835       1205
        TOTAL (DIESEL)                   1637       1257      10256       1685       3618

    AIRCRAFT

      MILITARY                              2          0          1          3          6
      CIVIL                                 8          4         37        118       2355
      COMMERCIAL                            3          6         67         60        185
      TOTAL (AIRCRAFT)                     13         10        105        181       2546

    VESSELS

      DIESEL FUEL                          54         67        503        126        176
      RESIDUAL OIL                         47        621        102          6          3
      GASOLINE                              0          6         34        737       2628
      TOTAL (VESSELS)                     101        694        639        869       2807

    TOTAL (TRANSPORTATION)               9833       2437      21736      15244     126523

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    16281        144       3830      18388     134077
    FOREST MANAGED BURNING               8422         63       1684       6021      47163
    AGRICULTURAL BURNING                    3          0          0          2         17
    STRUCTURAL FIRES                       78          0          8         58        317
    GASOLINE STA EVAP LOSS                  0          0          0       1849          0
    SOLVENT EVAPORATION LOSS                0          0          0       3895          0
    UNPAVED ROADS                      328270          0          0          0          0
    UNPAVED AIRSTRIPS                      45          0          0          0          0
    TOTAL (MISCELLANEOUS)              353099        207       5522      30213     181574

GRAND TOTAL
***********

    AREA SOURCES                       370490       4308      29150      60739     353236

    POINT SOURCES                        9579       2657       8301       7193       5532

    TOTAL                              380069       6965      37451      67932     358768
    FOREST WILDFIRES                          278            0           67          316         2301
    STRUCTURAL FIRES                          513            0           48          384         2090
    GASOLINE STA EVAP LOSS                      0            0            0         6351            0
    SOLVENT EVAPORATION LOSS                    0            0            0        32919            0
    UNPAVED ROADS                          154860            0            0            0            0
    UNPAVED AIRSTRIPS                          19            0            0            0            0
    TOTAL (MISCELLANEOUS)                  155670            0          115        39970         4391

GRAND TOTAL
***********

    AREA SOURCES                           215969        17882        85877       129160       664192

    POINT SOURCES                           20392       166694        60266        38352        72250

    TOTAL                                  236361       184576       146143       167512       736442
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*** L07 ***
    SOLVENT EVAPORATION LOSS                      0                 0                 0             23561                 0
    UNPAVED ROADS                            176888                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                    177391                 0                68             29413              2643

GRAND TOTAL
***********

    AREA SOURCES                             226032             10978             73825            104726            518325

    POINT SOURCES                             18238            203291             61897             18155             10779

    TOTAL                                    244270            214269            135722            122881            529104
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*** L08 ***                                                                                                    *** L08 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE EMISSIONS REPORT                                                   RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                   AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 41:RHODE ISLAND                                        POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES         SOX             NOX             VOC             CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              4              12               1               4              43
            DISTILLATE OIL             137            1585             991              39             275
            NATURAL GAS                 22               4             750              39             150
            WOOD                      2678              27             212            5559           16520
            TOTAL (RESIDENTIAL)       2841            1628            1954            5641           16988

        ELEC GENERATION (POINT)

            RESIDUAL OIL              1983            1256            2184              20              94
            NATURAL GAS                  4               1             423               2              16
            TOTAL (ELEC GEN)          1987            1257            2607              22             110

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             4              39              19               0               2
            RESIDUAL OIL
                AREA SOURCES            35             173             100               0               9
                POINT SOURCES          176            2179             838              12              65
            DISTILLATE OIL
                AREA SOURCES            16             165             184               5              43
                POINT SOURCES            1              38               7               0               1
            NATURAL GAS
                AREA SOURCES             7               1             503              26              49
                POINT SOURCES            0               0              25               1               4
            TOTAL (INDUSTRIAL)
                AREA SOURCES            62             378             806              31             103
                POINT SOURCES          177            2217             870              13              70

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            20              69              26               0               1
            RESIDUAL OIL
                POINT SOURCES          143            1710             744              24              51
            DISTILLATE OIL
                AREA SOURCES            17             241             167               1              42
                POINT SOUPCES            0               5               2               0               1
            NATURAL GAS
                AREA SOURCES             9               1             307              15              61
                POINT SOURCES            1               0              95               0               7
            TOTAL (COMM-INST)
            HEAVY DUTY VEHICLES             544           276          2480           289           875
            OFF HIGHWAY                      75            58           693           107           209
            RAIL                             16            38           238            57            84
            TOTAL (DIESEL)                  635           372          3411           453          1168

    AIRCRAFT

        CIVIL                                 1             0             7            21           418
        TOTAL (AIRCRAFT)                      1             0             7            21           418

    VESSELS

        GASOLINE                              0             2            16           359          1279
        TOTAL (VESSELS)                       0             2            16           359          1279

    TOTAL (TRANSPORTATION)                 6166           672         10012          8382         76815

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        937             7           221          1058          7710
    FOREST MANAGED BURNING                 2348            19           469          1679         13143
    STRUCTURAL FIRES                         62             0             4            45           250
    GASOLINE STA EVAP LOSS                    0             0             0          1262             0
    SOLVENT EVAPORATION LOSS                  0             0             0          3648             0
    UNPAVED ROADS                         31003             0             0             0             0
    TOTAL (MISCELLANEOUS)                 34350            26           694          7692         21103

GRAND TOTAL
***********

    AREA SOURCES                          43110           846         12753         21422        113137

    POINT SOURCES                         16060         38129         18947          2042          2298

    TOTAL                                 59170         38975         31700         23464        115435
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            NATURAL GAS
                AREA SOURCES                  6                 1               139                 6                28
                POINT SOURCES                 0                 0                19                 0                 4
            TOTAL (COMM-INST)
                AREA SOURCES                 37               147               189                 7                45
                POINT SOURCES               454              2375               401                 5               186

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                626               226              1342              1411              3727
                POINT SOURCES              8806             45041             11880               200              1101

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            NATURAL GAS                       6                 0                59                 2                16
            TOTAL (ELEC GEN)                  6                 0                59                 2                16

        TOTAL (INTERNAL COMB)                 6                 0                59                 2                16

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                626               226              1342              1411              3727
                POINT SOURCES              8812             45041             11939               202              1117

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  141              1530                97              7653                 0
    PRIMARY METAL                           158                 0                 0                 0                 0
    SECONDARY METALS                          3                 0                 0                 0                 0
    MINERAL PRODUCTS                       2968              7767              2000               125               167
    WOOD PRODUCTS                           425                 0                 0               314                 0
    ORGANIC SOLVENT EVAPORATION               0                 0                 0             43057                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0              1068                 0
    TEXTILE MANUFACTURING                     1                 0                 0                 0                 0
    OTHER/NOT CLASSIFIED                     13              1371                 0                 0                 0
    TOTAL (INDUSTRIAL)                     3709             10668              2097             52217               167

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                6                 0                 0                 6                 7
        OTHER INCINERATION                   72                 2                12                 2                 0
        TOTAL (GOVERNMENT)                   78                 2                12                 8                 7

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                217                 3                 7               609              1825
        OPEN BURNING                        685                25               175               924              2931
        TOTAL (RESIDENTIAL)                 902                28               182              1533              4756

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                  9                 0                 3                16                43
        TOTAL (COMM-INST)
                AREA SOURCES                  9                 0                 3                16                43

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 1                 0                 0                 2                26
        OPEN BURNING
```

```
*** L11 ***                                                                                                   *** L11 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                              *********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:203 GREENWOOD                         POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                 PARTICULATES          SOX            NOX            VOC             CO
                                 ************     ************   ************   ************   ************
                                  TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              10              32              1              8             61
            DISTILLATE OIL                6              72             45              2             13
            NATURAL GAS                   2               0             87              3             17
            WOOD                       1161              12             93           2411           7164
            TOTAL (RESIDENTIAL)        1179             116            226           2424           7255

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES            93            1215            231              1             21
            DISTILLATE OIL
                POINT SOURCES             1              41             12            241              3
            NATURAL GAS
                AREA SOURCES              3               0            600            145             72
                POINT SOURCES             7               2            597              6             87
            WOOD
                POINT SOURCES            27               0              6              6             15
            TOTAL (INDUSTRIAL)
                AREA SOURCES              3               0            600            145             72
                POINT SOURCES           128            1258            846            254            126

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              3              11              3              0              0
            BITUMINOUS COAL
                AREA SOURCES              5              21              6              0              3
            DISTILLATE OIL
                AREA SOURCES              0              11              9              0              2
            NATURAL GAS
                AREA SOURCES              1               0             37              2              7
            TOTAL (COMM-INST)
                AREA SOURCES              9              43             53              2             12

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           1191             159            879           2571           7339
                POINT SOURCES           128            1258            846            254            126

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1191             159            879           2571           7339
                POINT SOURCES           128            1258            846            254            126
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*** L12 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                            AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:43 SOUTH DAKOTA    AQCR:087 METROPOLITAN SIOUX FALLS              POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             0               0               0               0               1
            DISTILLATE OIL              5              55              34               1               9
            NATURAL GAS                 5               1             184               9              36
            WOOD                       53               0               4             111             329
            TOTAL (RESIDENTIAL)        63              56             222             121             375

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           403            3595             451               2              72
            RESIDUAL OIL                0               2             112               0               0
            NATURAL GAS                 0               0             898               0               1
            TOTAL (ELEC GEN)          403            3597            1461               2              73

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          240            1315             654               2              84
            RESIDUAL OIL
                AREA SOURCES            2              25               6               0               1
                POINT SOURCES          24             324              66               0               6
            DISTILLATE OIL
                AREA SOURCES            2              24              27               1               6
            NATURAL GAS
                POINT SOURCES           1               0              44               1              11
            TOTAL (INDUSTRIAL)
                AREA SOURCES          244            1364             687               3              91
                POINT SOURCES          25             324             110               1              17

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           13              48              16               1               9
            RESIDUAL OIL
                AREA SOURCES            0               3               0               0               0
            DISTILLATE OIL
                AREA SOURCES            0               6               3               0               0
                POINT SOURCES           9             348              93               2              23
            NATURAL GAS
                AREA SOURCES            3               1              99               5              19
                POINT SOURCES           1               0             269               1              20
            TOTAL (COMM-INST)
                AREA SOURCES           16              58             118               6              28
                POINT SOURCES          10             348             362               3              43
    TOTAL (TRANSPORTATION)              128017         18470        231635        170945       1548700

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      5527            36          1302          6247         45562
    FOREST MANAGED BURNING                4645            27           931          3320         26018
    STRUCTURAL FIRES                      1124             0           102           840          4565
    GASOLINE STA EVAP LOSS                   0             0             0         22166             0
    SOLVENT EVAPORATION LOSS                 0             0             0         70677             0
    UNPAVED ROADS                       352386             0             0             0             0
    UNPAVED AIRSTRIPS                        3             0             0             0             0
    TOTAL (MISCELLANEOUS)               363685            63          2335        103250         76145

GRAND TOTAL
***********

    AREA SOURCES                        545508         41038        265774        379989       1930133

    POINT SOURCES                       131779       1059819        316342        160735        160356

    TOTAL                               677287       1100857        582116        540724       2090489
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*** L14 ***                                                                                     *** L14 ***
                POINT SOURCES                256          1550           559           146           799
            RESIDUAL OIL
                AREA SOURCES                  24           412            71             0             6
            DISTILLATE OIL
                POINT SOURCES                  0            11             6             0             1
            NATURAL GAS
                AREA SOURCES                   4             1           225            10            62
                POINT SOURCES                  3             2            39             1             5
            WOOD
                POINT SOURCES                  1             0             4            25            20
            OTHER
                POINT SOURCES                  1             0             1             0             0
            TOTAL (COMM-INST)
                AREA SOURCES                  91           619           367            10            48
                POINT SOURCES                261          1563           609           172           825

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                8841         11025          9317         15946         45184
                POINT SOURCES              30855        322383        125041          9672         13962

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                        1             0          2262             7           235
            TOTAL (INDUSTRIAL)                 1             0          2262             7           235

        TOTAL (INTERNAL COMB)                  1             0          2262             7           235

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                8841         11025          9317         15946         45184
                POINT SOURCES              30856        322383        127303          9679         14197

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  3929          1938          9574         30999         10032
    FOOD/AGRICULTURAL                        174             3             0             0             0
    PRIMARY METAL                           4521         13346          1031            50         24964
    SECONDARY METALS                         151           170           144           264           518
    MINERAL PRODUCTS                        5502           810          1022          2356          3640
    PETROLEUM INDUSTRY                        89             0             0            39             0
    WOOD PRODUCTS                           6276           619          1466          1590          4081
    ORGANIC SOLVENT EVAPORATION             1134             0            15         35969             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0           393             0
    METAL FABRICATION                         12             0             7            11             1
    TEXTILE MANUFACTURING                      1             7             6          1732             1
    OTHER/NOT CLASSIFIED                      17           688            13          1123           936
    TOTAL (INDUSTRIAL)                     21806         17581         13278         74526         44173

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                 2             6             7             4            62
        OTHER INCINERATION                     2             1             7             2             0
        TOTAL (GOVERNMENT)                     4             7            14             6            62

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 744             8            23          2088          6265
        OPEN BURNING                        2847           108           727          3840         12181
        TOTAL (RESIDENTIAL)                 3591           116           750          5928         18446
    ORGANIC SOLVENT EVAPORATION             166              4             17         116386             19
    PETROLEUM STORAGE/TRANSPORT              35              0              3         130102             68
    METAL FABRICATION                      1081              0              0            502              0
    TEXTILE MANUFACTURING                    23              0              0             65              0
    OTHER/NOT CLASSIFIED                    535          26250            651          98447             37
    TOTAL (INDUSTRIAL)                   275676         594007         152059         782426        1817397

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               38              3              4              2             44
        OPEN BURNING                       1340             66            461           2381           7640
        OTHER INCINERATION                  110             11            100            103            308
        TOTAL (GOVERNMENT)                 1488             80            565           2486           7992

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               3194             33             76           8987          26969
        OPEN BURNING                      10258            370           2615          13874          43956
        TOTAL (RESIDENTIAL)               13452            403           2691          22861          70905

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                732            202            358            439           1046
                POINT SOURCES                20             35             22             26            309
        OPEN BURNING
                AREA SOURCES                 19              0              5             38             92
        TOTAL (COMM-INST)
                AREA SOURCES                751            202            363            477           1138
                POINT SOURCES                20             35             22             26            309

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                415             51             51            391            665
                POINT SOURCES              1920           3200           4287           7658          17870
        OPEN BURNING
                AREA SOURCES                187              2             80            306           1058
                POINT SOURCES                 4              0              1              6             18
        TOTAL (INDUSTRIAL)
                AREA SOURCES                602             53            131            697           1723
                POINT SOURCES              1924           3200           4288           7664          17888

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              14805            658           3185          24035          73766
                POINT SOURCES              3432           3315           4875          10176          26189

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          313266          11330         226693         288636        2929719
            LIGHT DUTY TRUCKS            105572           5768         106703         122611        1069634
            HEAVY DUTY VEHICLES           19024           1550          67160          58323         921948
            OFF HIGHWAY                     907            476          10175          27071         342263
            TOTAL (GASOLINE)             438769          19124         390731         496641        5263364

        DIESEL

            HEAVY DUTY VEHICLES           61320          25391         232454          33294         102906
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SELECT CARD = <45    210                                       45>
STATE 45 COUNTY 0310 NOT FOUND IN POINT FILE
STATE 45 COUNTY 0890 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1190 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1840 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2880 NOT FOUND IN POINT FILE
STATE 45 COUNTY 5180 NOT FOUND IN POINT FILE
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        DISTILLATE OIL                      0             0             1             0             0
        NATURAL GAS                        42             1           360            11            46
        TOTAL (ELEC GEN)                   42             1           361            11            46

     INDUSTRIAL FUEL

        NATURAL GAS                        26             1          5061             2           945
        TOTAL (INDUSTRIAL)                 24             1          5061             2           945

     TOTAL (INTERNAL COMB)                 66             2          5422            13           991

  TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 926          7659         22488          8150          3396
             POINT SOURCES                548           646         14055            49          1136

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                    0             0             0         10263          3926
  FOOD/AGRICULTURAL                      1460             0             0             0             0
  PRIMARY METAL                            84           133             0             0           552
  SECONDARY METALS                         10             0             0             0             0
  MINERAL PRODUCTS                         32             0             0             0             0
  PETROLEUM INDUSTRY                       19             0           111           556             4
  ORGANIC SOLVENT EVAPORATION               0             0             0           989             0
  PETROLEUM STORAGE/TRANSPORT               0             0             0          1628             0
  OTHER/NOT CLASSIFIED                      0             0             0          1865             0
  TOTAL (INDUSTRIAL)                     1605           133           111         15301          4482

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

     ON SITE INCINERATION                 123             2             4           351          1052
     OPEN BURNING                         398            15           101           538          1706
     TOTAL (RESIDENTIAL)                  521            17           105           889          2758

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
             AREA SOURCES                  31             9            16            18            44
     OPEN BURNING
             AREA SOURCES                   1             0             0             2             4
     TOTAL (COMM-INST)
             AREA SOURCES                  32             9            16            20            48

  INDUSTRIAL

     ON SITE INCINERATION
             AREA SOURCES                  14             3             3            12            20
     OPEN BURNING
             AREA SOURCES                   6             0             3            10            35
     TOTAL (INDUSTRIAL)
             AREA SOURCES                  20             3             6            22            55

  TOTAL (SOLID WASTE DISP)
             AREA SOURCES                 573            29           127           931          2861

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE
```

```
*** L18 ***
                AREA SOURCES              157             49             75             93            220
                POINT SOURCES               2              2             17              0              0
       OPEN BURNING
                AREA SOURCES                5              0              2             10             25
       TOTAL (COMM-INST)
                AREA SOURCES              162             49             77            103            245
                POINT SOURCES               2              2             17              0              0

    INDUSTRIAL

       ON SITE INCINERATION
                AREA SOURCES               74             13             13             69            106
                POINT SOURCES             804           2587           3586           6500           7822
       OPEN BURNING
                AREA SOURCES               36              1             14             61            214
       TOTAL (INDUSTRIAL)
                AREA SOURCES              110             14             27            130            320
                POINT SOURCES             804           2587           3586           6500           7822

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             3018            151            657           4898          15041
                POINT SOURCES             816           2590           3607           6518           7873

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES          75712           2617          50541          62154         640181
           LIGHT DUTY TRUCKS            24099           1203          21777          24920         220956
           HEAVY DUTY VEHICLES           4286            332           9943          13010         205131
           OFF HIGHWAY                    226            121           2512           6683          84494
           TOTAL (GASOLINE)            104321           4273          84773         106767        1150762

       DIESEL

           HEAVY DUTY VEHICLES          14212           5777          52987           7733          23932
           OFF HIGHWAY                   2274           1781          21418           3263           6472
           RAIL                          1567           3573          23192           5633           8149
           TOTAL (DIESEL)               18053          11131          97597          16629          38553

    AIRCRAFT

       MILITARY                           106              7             56            124            256
       CIVIL                               23             13            103            316           6326
       COMMERCIAL                          70            163           1696           1503           4671
       TOTAL (AIRCRAFT)                   199            183           1853           1943          11253

    VESSELS

       DIESEL FUEL                        955           1194           8916           2230           3120
       RESIDUAL OIL                      1199          15796           2596            156             86
       GASOLINE                             0             62            353           7810          27840
       TOTAL (VESSELS)                   2154          17052          11865          10196          31046

    TOTAL (TRANSPORTATION)             124727          32639         196088         135535        1231614

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     1680             15            396           1896          13831
    FOREST MANAGED BURNING                222              2             44            158           1239
    STRUCTURAL FIRES                      652              0             60            488           2652
    GASOLINE STA EVAP LOSS                  0              0              0          17182              0
```

BITUMINOUS COAL					
AREA SOURCES	7	55	6	0	4
DISTILLATE OIL					
AREA SOURCES	17	331	235	2	49
POINT SOURCES	27	99	46	3	11
NATURAL GAS					
AREA SOURCES	32	5	1326	62	259
POINT SOURCES	34	5	729	44	152
OTHER					
POINT SOURCES	2	0	21	1	4
TOTAL (COMM-INST)					
AREA SOURCES	56	391	1567	64	312
POINT SOURCES	63	104	796	48	167
TOTAL (EXTERNAL COMB)					
AREA SOURCES	17645	6598	109943	73124	117842
POINT SOURCES	8007	68562	174216	2497	4681
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	19	12	194	12	43
NATURAL GAS	157	6	6024	47	337
TOTAL (ELEC GEN)	176	18	6218	59	380
INDUSTRIAL FUEL					
DISTILLATE OIL	3	3	45	28	9
NATURAL GAS	36	5	8417	729	14159
TOTAL (INDUSTRIAL)	39	8	8462	757	14168
TOTAL (INTERNAL COMB)	215	26	14680	816	14548
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	17645	6598	109943	73124	117842
POINT SOURCES	8222	68588	188896	3313	19229
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	2600	1840	0	1785	1524
FOOD/AGRICULTURAL	2915	0	99	41	12
PRIMARY METAL	422	30	120	0	0
SECONDARY METALS	730	0	369	45	3016
MINERAL PRODUCTS	51439	4345	4365	598	112
PETROLEUM INDUSTRY	5000	29810	11076	19610	181261
WOOD PRODUCTS	1323	1827	588	75	13802
ORGANIC SOLVENT EVAPORATION	20	0	0	6001	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	33957	0
METAL FABRICATION	2	0	0	441	0
OTHER/NOT CLASSIFIED	285	595	0	2362	0
TOTAL (INDUSTRIAL)	64736	38447	16617	64915	199727
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	592	2	7	1672	5013
OPEN BURNING	3671	137	943	4953	15703
TOTAL (RESIDENTIAL)	4263	139	950	6625	20716
COMMERCIAL-INSTITUTIONAL					

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   MONDAY  NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:37 OKLAHOMA       AQCR:185 NORTH CENTRAL OKLAHOMA              POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                                PARTICULATES          SOX             NOX             VOC              CO
                                ************     ************    ************    ************    ************
                                 TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             1               4               0               1               5
            DISTILLATE OIL              0               8               5               0               1
            NATURAL GAS                 8               1             293              15              58
            WOOD                       86               1               7             177             527
            TOTAL (RESIDENTIAL)        95              14             305             193             591

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           356           19214           31158             270             898
            DISTILLATE OIL              0              19              10               0               2
            NATURAL GAS                11               0             643               1              36
            TOTAL (ELEC GEN)          367           19233           31811             271             936

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           16             133              28               0               3
            RESIDUAL OIL
                AREA SOURCES            0              14               3               0               0
            DISTILLATE OIL
                AREA SOURCES            7              79              90               3              21
            NATURAL GAS
                AREA SOURCES           10               2            5331            2034             714
                POINT SOURCES         102             812            5757              27             170
            PROCESS GAS
                POINT SOURCES           3            4627              69               1               5
            TOTAL (INDUSTRIAL)
                AREA SOURCES           33             228            5452            2037             738
                POINT SOURCES         105            5439            5826              28             175

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            0               4               0               0               0
            DISTILLATE OIL
                AREA SOURCES            1              21              15               0               3
            NATURAL GAS
                AREA SOURCES            3               0              86               4              16
                POINT SOURCES           0               0               3               0               0
            TOTAL (COMM-INST)
                AREA SOURCES            4              25             101               4              19
                POINT SOURCES           0               0               3               0               0
```

```
SELECT CARD = <37    189                                              45>
```

```
                AREA SOURCES               0           0          34           1           6
            OTHER
                POINT SOURCES              0           0           2           0           0
            TOTAL (COMM-INST)
                AREA SOURCES              23         285         117           1          16
                POINT SOURCES             24          71         129           4           6

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            1396         987         749        2791        8211
                POINT SOURCES           1366        7790       17688         910        1821

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1396         987         749        2791        8211
                POINT SOURCES           1366        7790       17688         910        1821

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                 8           0           0           1           0
    FOOD/AGRICULTURAL                    778           0           0           8           0
    MINERAL PRODUCTS                    1893         849        1236         161         337
    WOOD PRODUCTS                        818           0           3         376           0
    ORGANIC SOLVENT EVAPORATION            0           0           0           8           0
    OTHER/NOT CLASSIFIED                 159         190         178           2           9
    TOTAL (INDUSTRIAL)                  3656        1039        1417         556         346

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                      85           2          16          92         280
        TOTAL (GOVERNMENT)                85           2          16          92         280

    RESIDENTIAL (AREA)

        OPEN BURNING                     199           6          51         268         846
        TOTAL (RESIDENTIAL)              199           6          51         268         846

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES              1           0           0           0           0
        TOTAL (COMM-INST)
                POINT SOURCES              1           0           0           0           0

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               3           0           0           3           6
                POINT SOURCES            602           5          75         107        3520
        OPEN BURNING
                AREA SOURCES               2           0           1           3          10
                POINT SOURCES              3           0           0           1          10
        TOTAL (INDUSTRIAL)
                AREA SOURCES               5           0           1           6          16
                POINT SOURCES            605           5          75         108        3530

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             204           6          52         274         862
                POINT SOURCES            691           7          91         200        3810

TRANSPORTATION (AREA)
*********************
```

```
*** MO5 ***                                                                                        *** MO5 ***
SELECT CARD = <39                                                            25>
SELECT CARD = <39    178                                                         45>
```

```
*** M07 ***                                                                                              *** M07 ***
SELECT CARD = <39    197                                                                  65>
```

```
               AREA SOURCES            46           311           500            16           104
               POINT SOURCES          144          1715           841            24            59

        TOTAL (EXTERNAL COMB)
               AREA SOURCES          2949          2317          3260          5688         17195
               POINT SOURCES         2308          5189          4318            59           239

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES          2949          2317          3260          5688         17195
               POINT SOURCES         2308          5189          4318            59           239

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              0             0             0           400             0
    SECONDARY METALS                   83             7             1             0          1070
    MINERAL PRODUCTS                  624           354           446            15            23
    ORGANIC SOLVENT EVAPORATION         0             0             0         10897             0
    PETROLEUM STORAGE/TRANSPORT         0             0             0          3171             0
    TEXTILE MANUFACTURING               0             0             0            18             0
    OTHER/NOT CLASSIFIED                0             0             0            44             0
    TOTAL (INDUSTRIAL)                707           361           447         14545          1093

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          9             2             1             9            12
        TOTAL (GOVERNMENT)              9             2             1             9            12

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          612             9            20          1721          5164
        OPEN BURNING                  536            20           138           723          2290
        TOTAL (RESIDENTIAL)          1148            29           158          2444          7454

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           21             6            10            13            30
        OPEN BURNING
                AREA SOURCES            4             0             1             9            21
        TOTAL (COMM-INST)
                AREA SOURCES           25             6            11            22            51

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            5             0             0             5            10
        OPEN BURNING
                AREA SOURCES           24             1             9            40           140
        TOTAL (INDUSTRIAL)
                AREA SOURCES           29             1             9            45           150

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         1202            36           178          2511          7655
                POINT SOURCES           9             2             1             9            12

TRANSPORTATION (AREA)
********************

    LAND VEHICLES

        GASOLINE
```

```
SELECT CARD = <42    058                                   45>
```

```
                AREA SOURCES                10           0           6          17          60
        TOTAL (INDUSTRIAL)
                AREA SOURCES                10           0           6          17          60
                POINT SOURCES                1           0           0           2          26

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               921          28         189        1566        4859
                POINT SOURCES               79           2          12          10          33

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           7368         263        5388        6837       69710
            LIGHT DUTY TRUCKS             1619          80        1567        1945       17308
            HEAVY DUTY VEHICLES            304          24         707         923       14547
            OFF HIGHWAY                     15           8         175         466        5898
            TOTAL (GASOLINE)              9306         375        7837       10171      107463

        DIESEL

            HEAVY DUTY VEHICLES           1049         439        4018         569        1756
            OFF HIGHWAY                     41          32         378          57         114
            RAIL                            28          63         404          97         142
            TOTAL (DIESEL)                1118         534        4800         723        2012

    AIRCRAFT

        MILITARY                           304          20         156         358         739
        CIVIL                                3           2          14          43         848
        COMMERCIAL                           5          13         132         117         362
        TOTAL (AIRCRAFT)                   312          35         302         518        1949

    VESSELS

        DIESEL FUEL                         62          78         579         165         203
        RESIDUAL OIL                        90        1189         195          12           7
        GASOLINE                             0          24         141        3096       11032
        TOTAL (VESSELS)                    152        1291         915        3253       11242

    TOTAL (TRANSPORTATION)               10888        2235       13854       14665      122666

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      1062           9         250        1200        8753
    FOREST MANAGED BURNING                 811           6         162         580        4547
    STRUCTURAL FIRES                        96           0          10          72         391
    GASOLINE STA EVAP LOSS                   0           0           0        1745           0
    SOLVENT EVAPORATION LOSS                 0           0           0        4577           0
    UNPAVED ROADS                        19557           0           0           0           0
    TOTAL (MISCELLANEOUS)                21526          15         422        8174       13691

GRAND TOTAL
***********

    AREA SOURCES                         33961        2504       15807       25816      144943

    POINT SOURCES                        12600       55711       14048       52429        1317

    TOTAL                                46561       58215       29855       78245      146260
```

```
INDUSTRIAL PROCESS (POINT)
**************************

    SECONDARY METALS                            26            1             0             0           218
    MINERAL PRODUCTS                           936          329           669            46            38
    ORGANIC SOLVENT EVAPORATION                  0            0             0           140             0
    PETROLEUM STORAGE/TRANSPORT                  0            0             0            40             0
    METAL FABRICATION                           15            0             0             0             0
    OTHER/NOT CLASSIFIED                         0            0             0           105             0
    TOTAL (INDUSTRIAL)                         977          330           669           331           256

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   101            1             2           286           858
        OPEN BURNING                           449           16           116           608          1927
        TOTAL (RESIDENTIAL)                    550           17           118           894          2785

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                     6            0             1            13            29
        TOTAL (COMM-INST)
                AREA SOURCES                     6            0             1            13            29

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                  149            2            28           305          3600
        OPEN BURNING
                AREA SOURCES                     6            0             3             9            30
        TOTAL (INDUSTRIAL)
                AREA SOURCES                     6            0             3             9            30
                POINT SOURCES                  149            2            28           305          3600

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   562           17           122           916          2844
                POINT SOURCES                  149            2            28           305          3600

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               2688          159          3515          3648         32036
            LIGHT DUTY TRUCKS                  682           55          1142          1175          8999
            HEAVY DUTY VEHICLES                 98           12           375           326          5254
            OFF HIGHWAY                         12            6           141           379          4779
            TOTAL (GASOLINE)                  3480          232          5173          5528         51068

        DIESEL

            HEAVY DUTY VEHICLES                305          165          1474           161           484
            OFF HIGHWAY                         51           41           487            74           147
            RAIL                                12           27           169            40            61
            TOTAL (DIESEL)                     368          233          2130           275           692

    AIRCRAFT

        CIVIL                                    0            0             5            17           320
        TOTAL (AIRCRAFT)                         0            0             5            17           320
```

```
      TOTAL (EXTERNAL COMB)
              AREA SOURCES               323            1478            1027             130             496
              POINT SOURCES              438            4269            1933               6             133

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES               323            1478            1027             130             496
              POINT SOURCES              438            4269            1933               6             133

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    206               0               0               0               0
    MINERAL PRODUCTS                    3206              47              23              51              24
    PETROLEUM STORAGE/TRANSPORT            0               0               0             660               0
    TOTAL (INDUSTRIAL)                  3412              47              23             711              24

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             134               2               3             376            1126
        OPEN BURNING                     168               6              42             227             717
        TOTAL (RESIDENTIAL)              302               8              45             603            1843

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                12               3               6               7              18
        TOTAL (COMM-INST)
              AREA SOURCES                12               3               6               7              18

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES                 4               1               1               4               6
        TOTAL (INDUSTRIAL)
              AREA SOURCES                 4               1               1               4               6

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES               318              12              52             614            1867

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         2241              89            2034            2638           27110
            LIGHT DUTY TRUCKS            719              41             891            1118            9978
            HEAVY DUTY VEHICLES          166              15             464             546            8604
            OFF HIGHWAY                   11               6             120             320            4049
            TOTAL (GASOLINE)            3137             151            3509            4622           49741

        DIESEL

            HEAVY DUTY VEHICLES         1378             565            5169             750            2318
            OFF HIGHWAY                  123              96            1158             175             350
            RAIL                          11              21             142              35              50
            TOTAL (DIESEL)              1512             682            6469             960            2718

    AIRCRAFT

        MILITARY                          27               2              14              32              66
```

```
SELECT CARD = <44     007                                                        45>
STATE 44 COUNTY 2460 NOT FOUND IN POINT FILE
STATE 44 COUNTY 2660 NOT FOUND IN POINT FILE
STATE 44 COUNTY 2720 NOT FOUND IN POINT FILE
STATE 44 COUNTY 3020 NOT FOUND IN POINT FILE
STATE 44 COUNTY 3520 NOT FOUND IN POINT FILE
```

```
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES               176                 3                408                 5                30
        OPEN BURNING
                AREA SOURCES                 32                 2                 12                64               175
        TOTAL (COMM-INST)
                AREA SOURCES                 32                 2                 12                64               175
                POINT SOURCES               176                 3                408                 5                30

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               542                 3                 19                73               596
        OPEN BURNING
                AREA SOURCES                 34                 0                 16                52               175
                POINT SOURCES                10                 0                 57                19                 1
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 34                 0                 16                52               175
                POINT SOURCES               552                 3                 76                92               597

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               3657               118                778              6044             18796
                POINT SOURCES               732                13                498               103               689

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           24265              1184              26332             29722            277350
            LIGHT DUTY TRUCKS              7126               493              10252             11023             89499
            HEAVY DUTY VEHICLES            1232               120               3923              4050             64549
            OFF HIGHWAY                      76                41                855              2273             28724
            TOTAL (GASOLINE)              32699              1838              41362             47068            460122

        DIESEL

            HEAVY DUTY VEHICLES            4317              2007              18164              2320              7083
            OFF HIGHWAY                     304               236               2851               434               859
            RAIL                            473              1071               6953              1689              2442
            TOTAL (DIESEL)                 5094              3314              27968              4443             10384

    AIRCRAFT

        MILITARY                             75                 4                 38                89               183
        CIVIL                                 8                 4                 47               140              2818
        COMMERCIAL                           14                33                338               300               929
        TOTAL (AIRCRAFT)                     97                41                423               529              3930

    VESSELS

        DIESEL FUEL                          84               103                783               198               275
        GASOLINE                              0                26                153              3382             12060
        TOTAL (VESSELS)                      84               129                936              3580             12335

    TOTAL (TRANSPORTATION)                37974              5322              70689             55620            486771

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1078                 5                254              1221              8899
    FOREST MANAGED BURNING                  880                 4                174               627              4929
    STRUCTURAL FIRES                        329                 0                 30               245              1338
```

```
          OFF HIGHWAY                        13239          10583          124610          19012          37686
          RAIL                                6825          15536          100776          24470          35414
          TOTAL (DIESEL)                     81384          51308          457838          76776         176006

    AIRCRAFT

       MILITARY                              10044            649            5154          11813          24399
       CIVIL                                   121             57             624           1957          39154
       COMMERCIAL                              282            655            6823           6048          18784
       TOTAL (AIRCRAFT)                      10447           1361           12601          19818          82337

    VESSELS

       DIESEL FUEL                            1807           2260           16875           4221           5906
       RESIDUAL OIL                           2131          28066            4612            277            154
       GASOLINE                                  0            282            1668          36803         131142
       TOTAL (VESSELS)                        3938          30608           23155          41301         137202

    TOTAL (TRANSPORTATION)                  534538         102601          884325         634536        5658909

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         23358            208            5498          26379         192371
    FOREST MANAGED BURNING                    3789             26             758           2703          21192
    STRUCTURAL FIRES                          3200              0             274           2388          13000
    GASOLINE STA EVAP LOSS                       0              0               0          75275              0
    SOLVENT EVAPORATION LOSS                     0              0               0         202248              0
    UNPAVED ROADS                          4854849              0               0              0              0
    UNPAVED AIRSTRIPS                          585              0               0              0              0
    TOTAL (MISCELLANEOUS)                  4885781            234            6530         308993         226563

GRAND TOTAL
***********

    AREA SOURCES                           5480978         416012         2426965        1561338        6236329

    POINT SOURCES                           360053        1030129         1326617         820344        1980657

    TOTAL                                  5841031        1446141         3753582        2381682        8216986
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                                            NATIONAL EMISSIONS DATA SYSTEM
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                                            ENVIRONMENTAL PROTECTION AGENCY
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STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:210 ABILENE-WICHITA FALLS                POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                 PARTICULATES         SOX             NOX             VOC              CO
                                 ************     ************    ************    ************    ************
                                   TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                2               5               0               1               8
            DISTILLATE OIL                 0               1               0               0               0
            NATURAL GAS                   15               2             609              32             124
            WOOD                         583               3              47            1206            3578
            TOTAL (RESIDENTIAL)          600              11             656            1239            3710

        ELEC GENERATION (POINT)

            RESIDUAL OIL                  18              55              34               0               2
            DISTILLATE OIL                 2               3               2               0               0
            NATURAL GAS                  363              23           16501              57             539
            TOTAL (ELEC GEN)             383              81           16537              57             541

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                 AREA SOURCES            868            5089            1263               3             164
            RESIDUAL OIL
                 AREA SOURCES            302            4740             864               4              79
            DISTILLATE OIL
                 AREA SOURCES             45             673             507              15             119
                 POINT SOURCES             0               0               1               0               0
            NATURAL GAS
                 AREA SOURCES             53               9           38065           15066            5156
                 POINT SOURCES            12               0              67               2               1
            LIQUID PETROL GAS
                 POINT SOURCES             1               0               6               0               0
            TOTAL (INDUSTRIAL)
                 AREA SOURCES           1268           10511           40699           15088            5518
                 POINT SOURCES            13               0              74               2               1

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                 AREA SOURCES              4               0             226               7              42
                 POINT SOURCES            11               0             120               1               3
            TOTAL (COMM-INST)
                 AREA SOURCES              4               0             226               7              42
                 POINT SOURCES            11               0             120               1               3

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES           1872           10522           41581           16334            9270
                 POINT SOURCES           407              81           16731              60             545
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          LIGHT DUTY VEHICLES             8691          340          7292          9177          89274
          LIGHT DUTY TRUCKS               3329          183          3559          4183          35706
          HEAVY DUTY VEHICLES              666           58          1757          2066          32756
          OFF HIGHWAY                       34           18           379          1007          12737
          TOTAL (GASOLINE)               12720          599         12987         16433         170471

       DIESEL

          HEAVY DUTY VEHICLES             1164          513          4667           629           1932
          OFF HIGHWAY                      543          426          5112           779           1546
          RAIL                             310          706          4575          1110           1608
          TOTAL (DIESEL)                  2017         1645         14354          2518           5086

    AIRCRAFT

       MILITARY                             42            3            22            50            104
       CIVIL                                 4            3            21            66           1329
       COMMERCIAL                            4           10           103            92            283
       TOTAL (AIRCRAFT)                     50           16           146           208           1716

    VESSELS

       DIESEL FUEL                          51           64           476           119            167
       RESIDUAL OIL                         63          826           136             8              5
       GASOLINE                              0           38           221          4867          17344
       TOTAL (VESSELS)                     116          928           833          4994          17516

    TOTAL (TRANSPORTATION)               14901         3188         28320         24153         194789

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                       124            0            11            94            509
    GASOLINE STA EVAP LOSS                   0            0             0          2315              0
    SOLVENT EVAPORATION LOSS                 0            0             0          6790              0
    UNPAVED ROADS                       220382            0             0             0              0
    UNPAVED AIRSTRIPS                        7            0             0             0              0
    TOTAL (MISCELLANEOUS)               220513            0            11          9199            509

GRAND TOTAL
***********

    AREA SOURCES                        236913        10676         50946         42433         201555

    POINT SOURCES                         2153          779         14166         15350           5618

    TOTAL                               239066        11455         65112         57783         207173
```

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*** M18 ***                                                                                                                *** M18 ***
     SOLVENT EVAPORATION LOSS                       0                  0                  0              49257                  0
     UNPAVED ROADS                             672025                  0                  0                  0                  0
     TOTAL (MISCELLANEOUS)                     674579                 17                500              68981              17722

GRAND TOTAL
***********

     AREA SOURCES                              812397             102407             768499             429730            1348282

     POINT SOURCES                              40703             142039             272445             226514             583162

     TOTAL                                     853100             244446            1040944             656244            1931444
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*** N01 ***                                                                                         *** N01 ***

        ON SITE INCINERATION
                POINT SOURCES                 16            0            0            0            0
        TOTAL (COMM-INST)
                POINT SOURCES                 16            0            0            0            0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                4263          139          950         6625        20716
                POINT SOURCES                 16            0            0            0            0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            56406         2373        53330        64284       619076
            LIGHT DUTY TRUCKS              10712          606        12238        14846       125949
            HEAVY DUTY VEHICLES            13703         1154        35943        43157       681734
            OFF HIGHWAY                      180           89         1997         5301        67083
            TOTAL (GASOLINE)               81001         4222       103508       127588      1493842

        DIESEL

            HEAVY DUTY VEHICLES            14284         6256        56346         7557        23296
            OFF HIGHWAY                     1621         1270        15294         2331         4619
            RAIL                             873         1987        12885         3130         4526
            TOTAL (DIESEL)                 16778         9513        84525        13018        32441

    AIRCRAFT

        MILITARY                            1326           86          681         1560         3221
        CIVIL                                 35           17          187          587        11690
        COMMERCIAL                            32           72          749          663         2060
        TOTAL (AIRCRAFT)                    1393          175         1617         2810        16971

    VESSELS

        GASOLINE                               0           58          337         7522        26805
        TOTAL (VESSELS)                        0           58          337         7522        26805

    TOTAL (TRANSPORTATION)                 99172        13968       189987       150938      1570059

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       13892          122         3267        15684       114399
    FOREST MANAGED BURNING                  1399           10          279         1001         7840
    STRUCTURAL FIRES                         621            0           51          459         2513
    GASOLINE STA EVAP LOSS                     0            0            0        16761            0
    SOLVENT EVAPORATION LOSS                   0            0            0        38507            0
    UNPAVED ROADS                         988438            0            0            0            0
    UNPAVED AIRSTRIPS                         40            0            0            0            0
    TOTAL (MISCELLANEOUS)                1004390          132         3597        72412       124752

GRAND TOTAL
***********

    AREA SOURCES                         1125470        20837       304477       303099      1833369

    POINT SOURCES                          72974       107035       205513        68228       218956

    TOTAL                                1198444       127872       509990       371327      2052325
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*** NO2 ***                                                                                          *** NO2 ***
      TOTAL (EXTERNAL COMB)
            AREA SOURCES              132          267          5858          2234          1348
            POINT SOURCES             472        24672         37640           299          1111

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 9            9           128             7            22
         NATURAL GAS                    4            0          1333            27           142
         TOTAL (ELEC GEN)              13            9          1461            34           164

      INDUSTRIAL FUEL

         NATURAL GAS                    0            0           493            85           339
         TOTAL (INDUSTRIAL)             0            0           493            85           339

      TOTAL (INTERNAL COMB)            13            9          1954           119           503

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              132          267          5858          2234          1348
            POINT SOURCES             485        24681         39594           418          1614

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              12            0             0             0             0
   FOOD/AGRICULTURAL                   85            0             0             0             0
   MINERAL PRODUCTS                  7343          570           625             0             0
   PETROLEUM INDUSTRY                 961         7897          1720          8022         68930
   PETROLEUM STORAGE/TRANSPORT          0            0             0          8159             0
   TOTAL (INDUSTRIAL)                8401         8467          2345         16181         68930

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             49            0             0           138           412
      OPEN BURNING                    203            8            52           272           865
      TOTAL (RESIDENTIAL)             252            8            52           410          1277

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES              252            8            52           410          1277

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         3702          136          3023          3983         39638
         LIGHT DUTY TRUCKS            701           34           696           920          8079
         HEAVY DUTY VEHICLES          936           73          2271          2913         45851
         OFF HIGHWAY                   12            6           125           333          4216
         TOTAL (GASOLINE)            5351          249          6115          8149         97784

      DIESEL

         HEAVY DUTY VEHICLES          956          402          3633           508          1572
         OFF HIGHWAY                  134          106          1278           195           386
         RAIL                          55          128           827           202           292
         TOTAL (DIESEL)              1145          636          5738           905          2250
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                                    NATIONAL EMISSIONS DATA SYSTEM
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                                    ENVIRONMENTAL PROTECTION AGENCY
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                                                                         RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
***************************                                 POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983
STATE:37 OKLAHOMA       AQCR:189 SOUTHWESTERN OKLAHOMA

                              PARTICULATES         SOX              NOX              VOC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                1               4                0                1                5
         DISTILLATE OIL                 0              11                3                0                0
         NATURAL GAS                   12               1              393               20               77
         WOOD                         100               0                8              204              608
         TOTAL (RESIDENTIAL)          113              16              404              225              690

      ELEC GENERATION (POINT)

         NATURAL GAS                  129               8             9685               19              320
         TOTAL (ELEC GEN)             129               8             9685               19              320

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES              19              29              240                0               13
         BITUMINOUS COAL
            AREA SOURCES               19             172               37                0                3
         RESIDUAL OIL
            AREA SOURCES                0               7                1                0                0
         DISTILLATE OIL
            AREA SOURCES                7              76               86                2               19
         NATURAL GAS
            AREA SOURCES                8               1             4479             1708              600
            POINT SOURCES              15               1              406                2               30
         TOTAL (INDUSTRIAL)
            AREA SOURCES               34             256             4603             1710              622
            POINT SOURCES              34              30              646                2               43

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                0               3                0                0                0
         DISTILLATE OIL
            AREA SOURCES                1              22               16                0                3
         NATURAL GAS
            AREA SOURCES                1               0               93                6               19
            POINT SOURCES               7               0               62                6               16
         TOTAL (COMM-INST)
            AREA SOURCES                2              25              109                6               22
            POINT SOURCES               7               0               62                6               16

      TOTAL (EXTERNAL COMB)
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    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                    1714              89             1910             2374            23422
            LIGHT DUTY TRUCKS                      1251              89             1794             2043            18310
            HEAVY DUTY VEHICLES                     193              20              686              648            10404
            OFF HIGHWAY                              10               6              122              327             4137
            TOTAL (GASOLINE)                       3168             204             4512             5392            56273

        DIESEL

            HEAVY DUTY VEHICLES                     928             461             4157              494             1500
            OFF HIGHWAY                             184             143             1732              264              523
            RAIL                                    103             237             1539              374              541
            TOTAL (DIESEL)                         1215             841             7428             1132             2564

    AIRCRAFT

        MILITARY                                      2               0                1                2                4
        CIVIL                                         6               1               24               74             1469
        COMMERCIAL                                    1               2               17               15               48
        TOTAL (AIRCRAFT)                              9               3               42               91             1521

    VESSELS

        DIESEL FUEL                                  12              14              107               27               37
        GASOLINE                                      0               7               45              964             3434
        TOTAL (VESSELS)                              12              21              152              991             3471

    TOTAL (TRANSPORTATION)                         4404            1069            12134             7606            63829

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                               5845              50             1376             6600            48127
    FOREST MANAGED BURNING                         1874              13              374             1338            10478
    AGRICULTURAL BURNING                              5               0                1                5               35
    STRUCTURAL FIRES                                 39               0                3               27              152
    GASOLINE STA EVAP LOSS                            0               0                0              739                0
    SOLVENT EVAPORATION LOSS                          0               0                0             1338                0
    UNPAVED ROADS                                420119               0                0                0                0
    UNPAVED AIRSTRIPS                                43               0                0                0                0
    TOTAL (MISCELLANEOUS)                        427925              63             1754            10047            58792

GRAND TOTAL
***********

    AREA SOURCES                                 433929            2125            14689            20718           131694

    POINT SOURCES                                  5713            8836            19196             1666             5977

    TOTAL                                        439642           10961            33885            22384           137671
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                                     NATIONAL EMISSIONS DATA SYSTEM
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                                     ENVIRONMENTAL PROTECTION AGENCY
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STATE EMISSIONS REPORT                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1983
*****************************                                    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 39:PENNSYLVANIA                                           POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                         PARTICULATES         SOX             NOX             VOC              CO
                         ************    ************    ************    ************    ************
                          TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL       4127           11247            1235            4127           37086
            BITUMINOUS COAL        988            4696             195             662            5931
            DISTILLATE OIL        1379           15870            9917             384            2758
            NATURAL GAS            435              85           14721             785            2945
            WOOD                 58015             616            4577          120464          358026
            TOTAL (RESIDENTIAL)  64944           32514           30645          126422          406746

        ELEC GENERATION (POINT)

            ANTHRACITE COAL        782           22026            9215              36             307
            BITUMINOUS COAL      27806         1320530          438987            1398           12024
            RESIDUAL OIL          2195           36646           18914             237            1557
            DISTILLATE OIL          12             584             574               3             117
            NATURAL GAS              0               0              45               0               4
            OTHER                    2            8069             709               2              21
            TOTAL (ELEC GEN)     30797         1387855          468444            1676           14030

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES      321            2390             853              30             142
            BITUMINOUS COAL
                POINT SOURCES     5958           82154           22430             210            4009
            RESIDUAL OIL
                POINT SOURCES     2577           34972           11702              83             980
            DISTILLATE OIL
                AREA SOURCES       301            2983            3367             111             802
                POINT SOURCES       79            1201             419               2             103
            NATURAL GAS
                AREA SOURCES       253              45           52932           16366            6684
                POINT SOURCES      342            4004            8910             149            1243
            PROCESS GAS
                POINT SOURCES      876           41866           10270              75            4740
            COKE
                POINT SOURCES      142             715            2786              14             118
            WOOD
                POINT SOURCES      285              23             407             238             646
            OTHER
                POINT SOURCES      206            3121             273               4              23
            TOTAL (INDUSTRIAL)
                AREA SOURCES       554            3028           56299           16477            7486
                POINT SOURCES    10786          170446           58050             805           12004
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
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STATE/AQCR EMISSIONS REPORT                                              RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                AREA EMISSIONS AS OF:      TUESDAY   NOVEMBER 22, 1983
STATE:39 PENNSYLVANIA    AQCR:178 NORTHWEST PENNSYLVANIA-YOUNGST  POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                            PARTICULATES        SOX            NOX            VOC             CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              302            819             89            302           2700
            BITUMINOUS COAL               71            336             13             47            423
            DISTILLATE OIL                53            603            376             13            105
            NATURAL GAS                   57             13           1987            106            397
            WOOD                       13474            143           1063          27978          83154
            TOTAL (RESIDENTIAL)        13957           1914           3528          28446          86779

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             2122         126970          35197            117           1005
            DISTILLATE OIL                 0             94             54              0             12
            NATURAL GAS                    0              0              3              0              0
            TOTAL (ELEC GEN)            2122         127064          35254            117           1017

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           1052          29308           6820             60           1330
            RESIDUAL OIL
                POINT SOURCES             79           1085            267              1             25
            DISTILLATE OIL
                AREA SOURCES              35            342            385             14             93
                POINT SOURCES             35            138            111              1             27
            NATURAL GAS
                AREA SOURCES              31              5           6618           2046            837
                POINT SOURCES              9              1           1208              8            130
            PROCESS GAS
                POINT SOURCES             40           3076            476              5            204
            COKE
                POINT SOURCES            127            122             57              0              1
            WOOD
                POINT SOURCES             66              5             69             49            124
            TOTAL (INDUSTRIAL)
                AREA SOURCES              66            347           7003           2060            930
                POINT SOURCES           1408          33735           9008            124           1841

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             161            535            193              0             10
            BITUMINOUS COAL
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                                         NATIONAL EMISSIONS DATA SYSTEM
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                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                                  RUN DATE:    MONDAY   NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
***************************                                          POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983
STATE:39 PENNSYLVANIA    AQCR:197 SOUTHWEST PENNSYLVANIA

                             PARTICULATES          SOX              NOX              VOC               CO
                             ************     ************     ************     ************     ************
                              TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL           568             1546              170              568             5101
            BITUMINOUS COAL           135              644               27               92              817
            DISTILLATE OIL             96             1100              688               26              191
            NATURAL GAS               178               35             5951              317             1191
            WOOD                     2247               25              177             4667            13871
            TOTAL (RESIDENTIAL)      3224             3350             7013             5670            21171

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         13110           755631           264092              855             7373
            RESIDUAL OIL                7              120               97                1                7
            DISTILLATE OIL              6              169              243                1               50
            NATURAL GAS                 0                0               16                0                2
            TOTAL (ELEC GEN)        13121           755920           264448              857             7432

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES           0                0                0                0                1
            BITUMINOUS COAL
                POINT SOURCES        3133            29839            10299               92             1474
            RESIDUAL OIL
                POINT SOURCES         127             2237              993                6               91
            DISTILLATE OIL
                AREA SOURCES           60              596              674               24              161
                POINT SOURCES          10              128               58                0               15
            NATURAL GAS
                AREA SOURCES           73               13            14977             4631             1892
                POINT SOURCES          19                5             3212               17              325
            PROCESS GAS
                POINT SOURCES         495            11175             5827               19             3017
            COKE
                POINT SOURCES          15              593             2729               14              117
            WOOD
                POINT SOURCES          20                0                4                5               11
            OTHER
                POINT SOURCES           0                0                9                0                2
            TOTAL (INDUSTRIAL)
                AREA SOURCES          133              609            15651             4655             2053
                POINT SOURCES        3819            43977            23131              153             5053

        COMM-INSTITUTIONAL FUEL
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LIGHT DUTY VEHICLES	20457	652	14678	21329	227274
LIGHT DUTY TRUCKS	2760	123	2570	3623	34113
HEAVY DUTY VEHICLES	739	52	1562	2286	35671
OFF HIGHWAY	51	27	569	1514	19135
TOTAL (GASOLINE)	24007	854	19379	28752	316193
DIESEL					
HEAVY DUTY VEHICLES	1261	484	4466	690	2145
OFF HIGHWAY	36	28	333	51	101
RAIL	24	56	364	88	128
TOTAL (DIESEL)	1321	568	5163	829	2374
AIRCRAFT					
MILITARY	20	1	10	24	50
CIVIL	5	4	27	81	1627
COMMERCIAL	10	24	252	223	693
TOTAL (AIRCRAFT)	35	29	289	328	2370
VESSELS					
DIESEL FUEL	15	19	142	36	50
RESIDUAL OIL	6	80	13	1	0
GASOLINE	0	9	47	1032	3678
TOTAL (VESSELS)	21	108	202	1069	3728
TOTAL (TRANSPORTATION)	25384	1559	25033	30978	324665
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	69	0	17	80	579
STRUCTURAL FIRES	271	0	26	202	1102
GASOLINE STA EVAP LOSS	0	0	0	3478	0
SOLVENT EVAPORATION LOSS	0	0	0	17869	0
UNPAVED ROADS	1163	0	0	0	0
TOTAL (MISCELLANEOUS)	1503	0	43	21629	1681
GRAND TOTAL ***********					
AREA SOURCES	31038	3912	28514	60806	351196
POINT SOURCES	3024	5552	4766	14613	1344
TOTAL	34062	9464	33280	75419	352540

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*** N09 ***                                                                                                   *** N09 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
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                                              ENVIRONMENTAL PROTECTION AGENCY
                                             **********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
******************************                                       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:058 SAVANNAH-BEAUFORT                 POINT EMISSIONS AS OF:   MONDAY         JULY 11, 1983

                              PARTICULATES       SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             2              5              0              1             10
         DISTILLATE OIL              2             22             14              0              3
         NATURAL GAS                 2              0             60              3             12
         WOOD                      826              8             66           1716           5100
         TOTAL (RESIDENTIAL)       832             35            140           1720           5125

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           425          33281          19253             36            312
         DISTILLATE OIL              0              5              4              0              1
         NATURAL GAS                 0              0            102              0              7
         TOTAL (ELEC GEN)          425          33286          19359             36            320

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           50            662            103              0              9
         DISTILLATE OIL
            POINT SOURCES            0              4              1              0              0
         NATURAL GAS
            AREA SOURCES             3              0            324             77             39
            POINT SOURCES            2              0            191              2             31
         TOTAL (INDUSTRIAL)
            AREA SOURCES             3              0            324             77             39
            POINT SOURCES           52            666            295              2             40

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             3              9              3              0              0
         BITUMINOUS COAL
            AREA SOURCES             5             21              5              0              3
         DISTILLATE OIL
            AREA SOURCES             0             10              7              0              1
            POINT SOURCES            1             19             13              0              3
         NATURAL GAS
            AREA SOURCES             1              0             34              1              8
            POINT SOURCES            1              0             25              1              6
         TOTAL (COMM-INST)
            AREA SOURCES             9             40             49              1             12
            POINT SOURCES            2             19             38              1              9
```

```
SELECT CARD = <42    200                                                       45>
```

```
*** N11 ***
    VESSELS

        GASOLINE                               0                 7                41               891              3177
        TOTAL (VESSELS)                        0                 7                41               891              3177

    TOTAL (TRANSPORTATION)                  3848               472              7349              6711             55257

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         258                 1                60               290              2121
    FOREST MANAGED BURNING                  1600                12               320              1144              8961
    STRUCTURAL FIRES                          45                 0                 3                34               184
    GASOLINE STA EVAP LOSS                     0                 0                 0               673                 0
    SOLVENT EVAPORATION LOSS                   0                 0                 0              2068                 0
    UNPAVED ROADS                          13897                 0                 0                 0                 0
    UNPAVED AIRSTRIPS                          3                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                  15803                13               383              4209             11266

GRAND TOTAL
***********

    AREA SOURCES                           21404               661              8733             14407             76706

    POINT SOURCES                           1254              1590              1543               890              3982

    TOTAL                                  22658              2251             10276             15297             80688
```

```
*** M12 ***
         CIVIL                                1                  1                  8                 23                465
         COMMERCIAL                           4                 10                106                 94                293
         TOTAL (AIRCRAFT)                    32                 13                128                149                824

     VESSELS

         GASOLINE                             0                  0                  0                  7                 24
         TOTAL (VESSELS)                      0                  0                  0                  7                 24

     TOTAL (TRANSPORTATION)                4681                846              10106               5738              53307

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        26                  0                  6                 26                190
     STRUCTURAL FIRES                        35                  0                  3                 27                144
     GASOLINE STA EVAP LOSS                   0                  0                  0                950                  0
     SOLVENT EVAPORATION LOSS                 0                  0                  0               1743                  0
     UNPAVED ROADS                        48029                  0                  0                  0                  0
     UNPAVED AIRSTRIPS                        5                  0                  0                  0                  0
     TOTAL (MISCELLANEOUS)                48093                  0                  9               2746                334

GRAND TOTAL
***********

     AREA SOURCES                         53415               2336              11194               9228              56002

     POINT SOURCES                         3850               4316               1956                717                157

     TOTAL                                57265               6652              13150               9945              56159
```

```
*** N13 ***                                                                                                     *** N13 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                              AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:44 TENNESSEE      AQCR:007 TENNESSEE RIVER VALLEY-CUMBERL         POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 70              294               13               66              424
         DISTILLATE OIL                   2               43               24                0                5
         NATURAL GAS                      1                0              129                7               27
         WOOD                          3630               39              287             7533            22388
         TOTAL (RESIDENTIAL)           3703              376              453             7586            22844

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 73              596              106                0               13
            POINT SOURCES                 8               40               16                0                7
         RESIDUAL OIL
            POINT SOURCES                 6              171               18                1                1
         DISTILLATE OIL
            POINT SOURCES                16               69               72                2                6
         NATURAL GAS
            AREA SOURCES                  1                0              636              209               88
            POINT SOURCES                 8               12              127                6               10
         WOOD
            POINT SOURCES               206               51              326             1080              948
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 74              596              742              209              101
            POINT SOURCES               244              323              559             1087              972

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 12               40               16                0                0
         BITUMINOUS COAL
            POINT SOURCES                22               62               16                5               16
         RESIDUAL OIL
            AREA SOURCES                  1               30                2                0                0
         DISTILLATE OIL
            POINT SOURCES                 0               18               19                0                0
         NATURAL GAS
            AREA SOURCES                  0                0               42                1                7
            POINT SOURCES                 0                0               16                0                3
         TOTAL (COMM-INST)
            AREA SOURCES                 13               70               60                1                7
            POINT SOURCES                22               80               51                5               19

      TOTAL (EXTERNAL COMB)
```

```
*** N14 ***
    GASOLINE STA EVAP LOSS                        0                  0                  0                6562                  0
    SOLVENT EVAPORATION LOSS                      0                  0                  0               19894                  0
    UNPAVED ROADS                            101303                  0                  0                   0                  0
    TOTAL (MISCELLANEOUS)                    103590                  9                458               28529              15166

GRAND TOTAL
***********

    AREA SOURCES                             154062              16474              81242              106139             565917

    POINT SOURCES                             53394             339977             141079               84308              59059

    TOTAL                                    207456             356451             222321              190447             624976
```

```
*** N15 ***                                                                                                               *** N15 ***

SELECT CARD = <45    022                                                                     45>
STATE 45 COUNTY 1390 NOT FOUND IN POINT FILE
STATE 45 COUNTY 6290 NOT FOUND IN POINT FILE
```

```
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                          5                 9                171                 9                 9
            NATURAL GAS                             2                 0               1214                21                31
            TOTAL (ELEC GEN)                        7                 9               1385                30                40

        INDUSTRIAL FUEL

            NATURAL GAS                            70                12              14892                80              2642
            GASOLINE                              351                 0                  1                 1                24
            TOTAL (INDUSTRIAL)                    421                12              14893                81              2666

        TOTAL (INTERNAL COMB)                     428                21              16278               111              2706

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                     1872             10522              61581             16334              9270
                POINT SOURCES                     835               102              33009               171              3251

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                         37               361                  0               104                 0
    FOOD/AGRICULTURAL                            2860                 0                  0                 0                 0
    PRIMARY METAL                                 227                 0                  0                 0                 0
    SECONDARY METALS                               10                 0                  0                 0                 0
    MINERAL PRODUCTS                            12747              5584               2910              2436                 7
    PETROLEUM INDUSTRY                             41               154                312              1105                 6
    ORGANIC SOLVENT EVAPORATION                     1                 0                  0              1845                 0
    PETROLEUM STORAGE/TRANSPORT                     0                 0                  0              5660                 0
    METAL FABRICATION                               1                 0                  0                 0                 0
    OTHER/NOT CLASSIFIED                            0                 0                  0              2088                 0
    TOTAL (INDUSTRIAL)                          15924              6099               3222             13238                13

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                      143                 1                  2               402              1195
        OPEN BURNING                              476                15                119               648              2045
        TOTAL (RESIDENTIAL)                       619                16                121              1050              3240

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                       23                 5                 14                16                40
        TOTAL (COMM-INST)
                AREA SOURCES                       23                 5                 14                16                40

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                       26                 2                  2                25                47
        OPEN BURNING
                AREA SOURCES                        6                 0                  3                10                35
        TOTAL (INDUSTRIAL)
                AREA SOURCES                       32                 2                  5                35                82

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                      674                23                140              1101              3362

TRANSPORTATION (AREA)
*********************
```

```
*** M17 ***                                                                                        *** M17 ***
SELECT CARD = <45    214                                                         45>
```

```
A01...STATE:36 OHIO               AQCR:181
B01...STATE:36 OHIO               AQCR:181
C01...STATE:36 OHIO               AQCR:181
D01...STATE:36 OHIO               AQCR:182
E01...STATE:36 OHIO               AQCR:182
F01...STATE:36 OHIO               AQCR:182
G01...STATE:36 OHIO               AQCR:182
H01...STATE:36 OHIO               AQCR:183
I01...STATE:36 OHIO               AQCR:183
J01...STATE:36 OHIO               AQCR:183
K01...STATE:36 OHIO               AQCR:183
L01...STATE 37:OKLAHOMA
M01...STATE 37:OKLAHOMA
N01...STATE 37:OKLAHOMA
O01...STATE 37:OKLAHOMA
A02...STATE:37 OKLAHOMA           AQCR:017
B02...STATE:37 OKLAHOMA           AQCR:017
C02...STATE:37 OKLAHOMA           AQCR:017
D02...STATE:37 OKLAHOMA           AQCR:017
E02...STATE:37 OKLAHOMA           AQCR:022
F02...STATE:37 OKLAHOMA           AQCR:022
G02...STATE:37 OKLAHOMA           AQCR:022
H02...STATE:37 OKLAHOMA           AQCR:022
I02...STATE:37 OKLAHOMA           AQCR:184
J02...STATE:37 OKLAHOMA           AQCR:184
K02...STATE:37 OKLAHOMA           AQCR:184
L02...STATE:37 OKLAHOMA           AQCR:184
M02...STATE:37 OKLAHOMA           AQCR:185
N02...STATE:37 OKLAHOMA           AQCR:185
O02...STATE:37 OKLAHOMA           AQCR:185
A03...STATE:37 OKLAHOMA           AQCR:185
B03...STATE:37 OKLAHOMA           AQCR:186
C03...STATE:37 OKLAHOMA           AQCR:186
D03...STATE:37 OKLAHOMA           AQCR:186
E03...STATE:37 OKLAHOMA           AQCR:186
F03...STATE:37 OKLAHOMA           AQCR:187
G03...STATE:37 OKLAHOMA           AQCR:187
H03...STATE:37 OKLAHOMA           AQCR:187
I03...STATE:37 OKLAHOMA           AQCR:187
J03...STATE:37 OKLAHOMA           AQCR:188
K03...STATE:37 OKLAHOMA           AQCR:188
L03...STATE:37 OKLAHOMA           AQCR:188
M03...STATE:37 OKLAHOMA           AQCR:188
N03...STATE:37 OKLAHOMA           AQCR:189
O03...STATE:37 OKLAHOMA           AQCR:189

A04...STATE:37 OKLAHOMA           AQCR:189
B04...STATE:37 OKLAHOMA           AQCR:189
C04...STATE 38:OREGON
D04...STATE 38:OREGON
E04...STATE 38:OREGON
F04...STATE 38:OREGON
G04...STATE 38:OREGON
H04...STATE:38 OREGON             AQCR:190
I04...STATE:38 OREGON             AQCR:190
J04...STATE:38 OREGON             AQCR:190
K04...STATE:38 OREGON             AQCR:190
L04...STATE:38 OREGON             AQCR:191
M04...STATE:38 OREGON             AQCR:191
N04...STATE:38 OREGON             AQCR:191
O04...STATE:38 OREGON             AQCR:191
A05...STATE:38 OREGON             AQCR:192
B05...STATE:38 OREGON             AQCR:192
C05...STATE:38 OREGON             AQCR:192
D05...STATE:38 OREGON             AQCR:192
E05...STATE:38 OREGON             AQCR:193
F05...STATE:38 OREGON             AQCR:193
G05...STATE:38 OREGON             AQCR:193
H05...STATE:38 OREGON             AQCR:193
I05...STATE:38 OREGON             AQCR:193
J05...STATE:38 OREGON             AQCR:194
K05...STATE:38 OREGON             AQCR:194
L05...STATE:38 OREGON             AQCR:194
M05...STATE:38 OREGON             AQCR:194
N05...STATE 39:PENNSYLVANIA
O05...STATE 39:PENNSYLVANIA
A06...STATE 39:PENNSYLVANIA
B06...STATE 39:PENNSYLVANIA
C06...STATE 39:PENNSYLVANIA
D06...STATE:39 PENNSYLVANIA       AQCR:045
E06...STATE:39 PENNSYLVANIA       AQCR:045
F06...STATE:39 PENNSYLVANIA       AQCR:045
G06...STATE:39 PENNSYLVANIA       AQCR:045
H06...STATE:39 PENNSYLVANIA       AQCR:045
I06...STATE:39 PENNSYLVANIA       AQCR:151
J06...STATE:39 PENNSYLVANIA       AQCR:151
K06...STATE:39 PENNSYLVANIA       AQCR:151
L06...STATE:39 PENNSYLVANIA       AQCR:151
M06...STATE:39 PENNSYLVANIA       AQCR:151
N06...STATE:39 PENNSYLVANIA       AQCR:178
O06...STATE:39 PENNSYLVANIA       AQCR:178

A07...STATE:39 PENNSYLVANIA       AQCR:178
B07...STATE:39 PENNSYLVANIA       AQCR:178
C07...STATE:39 PENNSYLVANIA       AQCR:178
D07...STATE:39 PENNSYLVANIA       AQCR:195
E07...STATE:39 PENNSYLVANIA       AQCR:195
F07...STATE:39 PENNSYLVANIA       AQCR:195
G07...STATE:39 PENNSYLVANIA       AQCR:195
H07...STATE:39 PENNSYLVANIA       AQCR:195
I07...STATE:39 PENNSYLVANIA       AQCR:196
J07...STATE:39 PENNSYLVANIA       AQCR:196
K07...STATE:39 PENNSYLVANIA       AQCR:196
L07...STATE:39 PENNSYLVANIA       AQCR:196
M07...STATE:39 PENNSYLVANIA       AQCR:196
N07...STATE:39 PENNSYLVANIA       AQCR:197
O07...STATE:39 PENNSYLVANIA       AQCR:197
A08...STATE:39 PENNSYLVANIA       AQCR:197
B08...STATE:39 PENNSYLVANIA       AQCR:197
C08...STATE:39 PENNSYLVANIA       AQCR:197
D08...STATE 40:PUERTO RICO
E08...STATE 40:PUERTO RICO
F08...STATE 40:PUERTO RICO
G08...STATE 40:PUERTO RICO
H08...STATE:40 PUERTO RICO        AQCR:244
I08...STATE:40 PUERTO RICO        AQCR:244
J08...STATE:40 PUERTO RICO        AQCR:244
K08...STATE:40 PUERTO RICO        AQCR:244
L08...STATE 41:RHODE ISLAND
M08...STATE 41:RHODE ISLAND
N08...STATE 41:RHODE ISLAND
O08...STATE 41:RHODE ISLAND
A09...STATE:41 RHODE ISLAND       AQCR:120
B09...STATE:41 RHODE ISLAND       AQCR:120
C09...STATE:41 RHODE ISLAND       AQCR:120
D09...STATE:41 RHODE ISLAND       AQCR:120
E09...STATE 42:SOUTH CAROLINA
F09...STATE 42:SOUTH CAROLINA
G09...STATE 42:SOUTH CAROLINA
H09...STATE 42:SOUTH CAROLINA
I09...STATE 42:SOUTH CAROLINA
J09...STATE:42 SOUTH CAROLINA     AQCR:053
K09...STATE:42 SOUTH CAROLINA     AQCR:053
L09...STATE:42 SOUTH CAROLINA     AQCR:053
M09...STATE:42 SOUTH CAROLINA     AQCR:053
N09...STATE:42 SOUTH CAROLINA     AQCR:058
O09...STATE:42 SOUTH CAROLINA     AQCR:058
```

```
FICHE/SEGMT    6    6 CKPT:    1, 3541,   54,    2,  126
```

```
SELECT CARD = <37    017                                                                       65>
STATE 37 COUNTY 0040 NOT FOUND IN POINT FILE
```

```
                                                                                                   *** 002 ***
*** 002 ***
    AIRCRAFT

        MILITARY                         164            11            85           195           403
        CIVIL                              5             3            18            59          1154
        COMMERCIAL                                       1            12            11            34
        TOTAL (AIRCRAFT)                 170            15           115           265          1591

    VESSELS

        GASOLINE                           0             0             4            95           338
        TOTAL (VESSELS)                    0             0             4            95           338

    TOTAL (TRANSPORTATION)              6666           900         11972          9414        101963

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     769             7           181           868          6332
    STRUCTURAL FIRES                      50             0             3            36           200
    GASOLINE STA EVAP LOSS                 0             0             0          1192             0
    SOLVENT EVAPORATION LOSS               0             0             0          2465             0
    UNPAVED ROADS                     115327             0             0             0             0
    TOTAL (MISCELLANEOUS)             116146             7           184          4561          6532

GRAND TOTAL
***********

    AREA SOURCES                      123196          1182         18066         16619        111120

    POINT SOURCES                       8886         33148         41939         16599         70544

    TOTAL                       1[illegible]2082         34330         60005         33218        181664
```

```
*** 003 ***
               AREA SOURCES          149          297         5116         1939         1334
               POINT SOURCES         170           38        10393           27          379

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            NATURAL GAS              130            5         3835            6           95
            TOTAL (ELEC GEN)         130            5         3835            6           95

        INDUSTRIAL FUEL

            NATURAL GAS                0            1         1557            2        13150
            TOTAL (INDUSTRIAL)         0            1         1557            2        13150

        TOTAL (INTERNAL COMB)        130            6         5392            8        13245

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES          149          297         5116         1939         1334
               POINT SOURCES         300           44        15785           35        13624

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                772            0            0            0            0
    MINERAL PRODUCTS                7780            0            0            0            0
    PETROLEUM INDUSTRY              1393        12096         1551         5482        23506
    ORGANIC SOLVENT EVAPORATION        0            0            0          426            0
    PETROLEUM STORAGE/TRANSPORT        0            0            0        12478            0
    OTHER/NOT CLASSIFIED              76          288            0          296            0
    TOTAL (INDUSTRIAL)             10021        12384         1551        18682        23506

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          81            0            1          228          686
        OPEN BURNING                 619           24          157          831         2639
        TOTAL (RESIDENTIAL)          700           24          158         1059         3325

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES          700           24          158         1059         3325

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     5480          240         5419         6361        60633
            LIGHT DUTY TRUCKS       1041           62         1243         1471        12328
            HEAVY DUTY VEHICLES     1324          117         3639         4206        66601
            OFF HIGHWAY               14            7          169          451         5708
            TOTAL (GASOLINE)        7859          426        10470        12489       145270

        DIESEL

            HEAVY DUTY VEHICLES     1400          626         5643          739         2270
            OFF HIGHWAY              241          189         2272          348          688
            RAIL                      89          199         1292          313          454
            TOTAL (DIESEL)          1730         1014         9207         1400         3412

    AIRCRAFT
```

```
SELECT CARD = <38    192                                                              45>
```

```
     COMM-INSTITUTIONAL FUEL


          ANTHRACITE COAL
               AREA SOURCES                 2473           8190           2940             16            170
               POINT SOURCES                 725           2816            919            112           1520
          BITUMINOUS COAL
               AREA SOURCES                  313           2284            333              8            197
               POINT SOURCES                 992           6478           1011             14            662
          RESIDUAL OIL
               POINT SOURCES                 701           9733           5531            111            503
          DISTILLATE OIL
               AREA SOURCES                  158           2277           1587             17            391
               POINT SOURCES                  82           6666            822             14            204
          NATURAL GAS
               AREA SOURCES                  171             29           5861            313           1169
               POINT SOURCES                  23            145           3647             15            310
          WOOD
               POINT SOURCES                 377            441            465            137           2158
          TOTAL (COMM-INST)
               AREA SOURCES                 3115          12780          10721            354           1927
               POINT SOURCES                2900          26279          12395            403           5357

     TOTAL (EXTERNAL COMB)
               AREA SOURCES                68613          48322          97665         143253         416159
               POINT SOURCES               44483        1584580         538889           2884          31391

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

          DISTILLATE OIL                     169            548           2348            164            532
          NATURAL GAS                         21              0            658             20            184
          TOTAL (ELEC GEN)                   190            548           3006            184            716

     INDUSTRIAL FUEL

          DISTILLATE OIL                       2              5             37              2              8
          NATURAL GAS                         72              4          19852            482           2582
          TOTAL (INDUSTRIAL)                  74              9          19889            484           2590

     ENGINE-TESTING

          TOTAL (ENG TESTNG)                  37             35            520             36            113

     TOTAL (INTERNAL COMB)                   301            592          23415            704           3419

  TOTAL (FUEL COMBUSTION)

               AREA SOURCES                68613          48322          97665         143253         416159
               POINT SOURCES               44784        1585172         562304           3588          34810

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                    7452           8131           1620           9397          12566
  FOOD/AGRICULTURAL                         2456             25             53             11              8
  PRIMARY METAL                            35150          29762           1947          15409         282303
  SECONDARY METALS                          5733           1675            289            109          17094
  MINERAL PRODUCTS                         79311          30187          21618           3409           2189
  PETROLEUM INDUSTRY                        1571          43317          13375           8225           2128
  WOOD PRODUCTS                             3635           1118            207            108           5761
  ORGANIC SOLVENT EVAPORATION                263             55             25          89175              5
  PETROLEUM STORAGE/TRANSPORT                  1              0              0          39937              0
  METAL FABRICATION                          641              0             27            297              0
  TEXTILE MANUFACTURING                      264              0              1           1221              0
```

```
*** 006 ***                                                                                                   *** 006 ***
         POINT SOURCES                      81            622            95            0            33
      DISTILLATE OIL
         AREA SOURCES                       12            163           116            0            27
         POINT SOURCES                       0              1             0            0             0
      NATURAL GAS
         AREA SOURCES                       12              1           419           22            83
         POINT SOURCES                       1              0            46            1            11
      WOOD
         POINT SOURCES                       1              2             8           20            48
      TOTAL (COMM-INST)
         AREA SOURCES                      205            846           748           22           133
         POINT SOURCES                      83            625           147           21            92

    TOTAL (EXTERNAL COMB)
         AREA SOURCES                    14228           3107         11279        30528         87842
         POINT SOURCES                    3613         161424         44409          262          2950

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                         0             28            73            5            16
      NATURAL GAS                            0              0            50            2            14
      TOTAL (ELEC GEN)                       0             28           123            7            30

    INDUSTRIAL FUEL

      DISTILLATE OIL                         2              2            32            2             7
      NATURAL GAS                           11              1          3663           89           463
      TOTAL (INDUSTRIAL)                    13              3          3695           91           470

    ENGINE-TESTING

      TOTAL (ENG TESTNG)                    37             35           520           36           113

    TOTAL (INTERNAL COMB)                   50             66          4338          134           613

  TOTAL (FUEL COMBUSTION)

         AREA SOURCES                    14228           3107         11279        30528         87842
         POINT SOURCES                    3663         161490         48747          396          3563

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                   546            230           107         1399          2893
  FOOD/AGRICULTURAL                          2              0             0            0             0
  PRIMARY METAL                            912            447             4          307         11003
  SECONDARY METALS                         932             30            17            6          1121
  MINERAL PRODUCTS                       20027           6342          5412          946           235
  PETROLEUM INDUSTRY                        95           3376           711          280           124
  WOOD PRODUCTS                            500            321            90            0          2124
  ORGANIC SOLVENT EVAPORATION                4              0             0         3625             0
  PETROLEUM STORAGE/TRANSPORT                0              0             0         3851             0
  OTHER/NOT CLASSIFIED                       0           1246             0            0             0
  TOTAL (INDUSTRIAL)                     23018          11992          6341        10414         17500

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    OTHER INCINERATION                     234             47           234            0             0
    TOTAL (GOVERNMENT)                     234             47           234            0             0
```

```
            ANTHRACITE COAL
                AREA SOURCES                   590      1952       699         3        62
                POINT SOURCES                   27       156         8        27       246
            BITUMINOUS COAL
                AREA SOURCES                    76       546        80         2        48
                POINT SOURCES                  373      2602       371         2       244
            DISTILLATE OIL
                AREA SOURCES                    33       479       335         3        84
                POINT SOURCES                    0         7         2         0         0
            NATURAL GAS
                AREA SOURCES                    45         7      1516        82       302
                POINT SOURCES                    6       142      1129         4        86
            TOTAL (COMM-INST)
                AREA SOURCES                   744      2984      2630        90       476
                POINT SOURCES                  406      2907      1510        33       576

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                  4101      6943     25294     10415     23700
                POINT SOURCES                17346    802804    289089      1043     13061

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                      14        81       197        14        45
            TOTAL (ELEC GEN)                    14        81       197        14        45

        INDUSTRIAL FUEL

            NATURAL GAS                         22         1      7504       183       948
            TOTAL (INDUSTRIAL)                  22         1      7504       183       948

        TOTAL (INTERNAL COMB)                   36        82      7701       197       993

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  4101      6943     25294     10415     23700
                POINT SOURCES                17382    802886    296790      1240     14054
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    3668      3751       879      1221      9665
    PRIMARY METAL                            21026     20691      1116      9498    152641
    SECONDARY METALS                           376        92        36        16      2174
    MINERAL PRODUCTS                         26598      7437      4985       766       330
    PETROLEUM INDUSTRY                          18      1125        54         4         5
    ORGANIC SOLVENT EVAPORATION                 13         3         0      8933         0
    PETROLEUM STORAGE/TRANSPORT                  0         0         0      3423         0
    METAL FABRICATION                            2         0         0         0         0
    OTHER/NOT CLASSIFIED                         0      1306         0         0         0
    TOTAL (INDUSTRIAL)                       51701     34405      7070     23861    164815

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                     134        51       255        51         0
        TOTAL (GOVERNMENT)                     134        51       255        51         0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   172         2         6       489      1466
```

```
*** 008 ***                                                                                    *** 008 ***
SELECT CARD = <41    120                                        45>
```

```
*** 009 ***                                                                                           *** 009 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES                     844            75           513          1798          5176
                POINT SOURCES                    479         33971         19692            39           369

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                         5            45            73             5            17
            NATURAL GAS                            0             0            12             0             3
            TOTAL (ELEC GEN)                       5            45            85             5            20

        TOTAL (INTERNAL COMB)                      5            45            85             5            20

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                     844            75           513          1798          5176
                POINT SOURCES                    484         34016         19777            44           389

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                             43             0             0            66             0
    MINERAL PRODUCTS                              62            10             5            11             5
    WOOD PRODUCTS                                 25             0             0             0             0
    ORGANIC SOLVENT EVAPORATION                    0             0             0          3793             0
    PETROLEUM STORAGE/TRANSPORT                    0             0             0             5             0
    TOTAL (INDUSTRIAL)                           130            10             5          3875             5

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                     1             0             0             0             1
        TOTAL (GOVERNMENT)                         1             0             0             0             1

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                      69             1             2           196           581
        OPEN BURNING                             274            11            69           370          1173
        TOTAL (RESIDENTIAL)                      343            12            71           564          1754

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                       5             0             1             9            21
        TOTAL (COMM-INST)
                AREA SOURCES                       5             0             1             9            21

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                    116             2            17           181          2127
        OPEN BURNING
                AREA SOURCES                       2             0             1             3            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                       2             0             1             3            10
                POINT SOURCES                    116             2            17           181          2127

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                     350            12            73           576          1785
                POINT SOURCES                    117             2            17           181          2128

TRANSPORTATION (AREA)
*********************
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:42 SOUTH CAROLINA  AQCR:200 COLUMBIA                         POINT EMISSIONS AS OF:    MONDAY        JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 8             23              1              5             44
         DISTILLATE OIL                  9            107             67              2             18
         NATURAL GAS                     8              2            285             15             57
         WOOD                         1086             11             86           2256           6708
         TOTAL (RESIDENTIAL)          1111            143            439           2278           6827

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               217          67453          43800             85            728
         DISTILLATE OIL                  1             76             40              0              8
         NATURAL GAS                     1              0            363              1             26
         TOTAL (ELEC GEN)              219          67529          44203             86            762

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               69           4963           5046             13            119
         RESIDUAL OIL
            POINT SOURCES               30            390             60              0              6
         DISTILLATE OIL
            POINT SOURCES                0             44              6              0              1
         NATURAL GAS
            AREA SOURCES                12              3           1519            365            179
            POINT SOURCES                5              1            492              5             67
         WOOD
            POINT SOURCES               67             14            164            186            438
         TOTAL (INDUSTRIAL)
            AREA SOURCES                12              3           1519            365            179
            POINT SOURCES              151           5412           5768            204            631

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                16             54             19              0              1
         BITUMINOUS COAL
            AREA SOURCES                29            121             27              1             16
         DISTILLATE OIL
            AREA SOURCES                 3             37             26              0              6
         NATURAL GAS
            AREA SOURCES                 6              1            202             10             40
         WOOD
            POINT SOURCES              297              5             28             70            165
```

```
*** 011 ***                                                                                                   *** 011 ***
SELECT CARD = <42    206                                                  45>
```

```
*** 012 ***                                                                                   *** 012 ***
SELECT CARD = <43    205                                                   45>
```

```
                    AREA SOURCES              3790          1042          1255          7796         22952
                    POINT SOURCES              266           403           610          1092           991

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                       0             0             1             0             0
            TOTAL (ELEC GEN)                     0             0             1             0             0

        TOTAL (INTERNAL COMB)                    0             0             1             0             0

    TOTAL (FUEL COMBUSTION)

                    AREA SOURCES              3790          1042          1255          7796         22952
                    POINT SOURCES              266           403           611          1092           991

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    6604             0            37          2362          5269
    FOOD/AGRICULTURAL                           23             0             1             0             0
    MINERAL PRODUCTS                          1604          1995          1339            17            10
    WOOD PRODUCTS                              160             0            25           834          1435
    ORGANIC SOLVENT EVAPORATION                  8             0             2          1852             0
    PETROLEUM STORAGE/TRANSPORT                  0             0             0            49             0
    TEXTILE MANUFACTURING                        0             0             1            86             0
    OTHER/NOT CLASSIFIED                         6             0             1             0             0
    TOTAL (INDUSTRIAL)                        8405          1995          1406          5200          6714

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   170             0             4           485          1451
        OPEN BURNING                           811            33           206          1095          3474
        TOTAL (RESIDENTIAL)                    981            33           208          1580          4925

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                    POINT SOURCES               21            57            50            27           500
        OPEN BURNING
                    AREA SOURCES                 5             0             2            10            26
        TOTAL (COMM-INST)
                    AREA SOURCES                 5             0             2            10            26
                    POINT SOURCES               21            57            50            27           500

    INDUSTRIAL

        ON SITE INCINERATION
                    POINT SOURCES               36            12            22            32           326
        OPEN BURNING
                    AREA SOURCES                 6             0             3             9            30
        TOTAL (INDUSTRIAL)
                    AREA SOURCES                 6             0             3             9            30
                    POINT SOURCES               36            12            22            32           326

    TOTAL (SOLID WASTE DISP)
                    AREA SOURCES               992            33           213          1599          4981
                    POINT SOURCES               57            69            72            59           826

TRANSPORTATION (AREA)
*********************
```

```
SELECT CARD = <44    208                                                                     45>
STATE 44 COUNTY 1500 NOT FOUND IN POINT FILE
STATE 44 COUNTY 1600 NOT FOUND IN POINT FILE
STATE 44 COUNTY 1900 NOT FOUND IN POINT FILE
STATE 44 COUNTY 3420 NOT FOUND IN POINT FILE
STATE 44 COUNTY 3720 NOT FOUND IN POINT FILE
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:022 SHREVEPORT-TEXARKANA-TYLER         POINT EMISSIONS AS OF:     MONDAY         JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               1              5              0              0              6
         DISTILLATE OIL                0              4              1              0              0
         NATURAL GAS                  23              2            806             42            160
         WOOD                       2200             23            173           4565          13579
         TOTAL (RESIDENTIAL)        2224             34            980           4607          13745

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             927          20301           4498            215            715
         LIGNITE                   11096         109897          78984            744           6384
         RESIDUAL OIL                 26             37              8              0              1
         DISTILLATE OIL               15            115            126              1             30
         NATURAL GAS                 490             31          19616             66            265
         TOTAL (ELEC GEN)          12552         130381         103232           1026           7395

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            887           5188           1290              3            167
         RESIDUAL OIL
             AREA SOURCES            491           7575           1415              5            129
             POINT SOURCES            70           2087            199              8             52
         DISTILLATE OIL
             AREA SOURCES             47            718            538             18            129
             POINT SOURCES             3              4             19              0              0
         NATURAL GAS
             AREA SOURCES             70             11          51116          20232           6927
             POINT SOURCES           624             69           9506            172            952
         PROCESS GAS
             POINT SOURCES            76           1882            827             16            785
         WOOD
             POINT SOURCES           291              1              5             49             16
         LIQUID PETROL GAS
             POINT SOURCES             0              0             10              0             42
         OTHER
             POINT SOURCES             0              0              0             69              0
         TOTAL (INDUSTRIAL)
             AREA SOURCES           1495          13492          54357          20258           7352
             POINT SOURCES          1064           4043          10566            314           1847

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
```

```
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              10345            479            9928           11187           105188
            LIGHT DUTY TRUCKS                 4804            326            6090            6195            50369
            HEAVY DUTY VEHICLES                801             77            2414            2537            40455
            OFF HIGHWAY                         32             15             385            1017            12869
            TOTAL (GASOLINE)                 15982            897           18817           20936           208881

        DIESEL

            HEAVY DUTY VEHICLES               2454           1120           10167            1318             4036
            OFF HIGHWAY                        651            513            6111             936             1852
            RAIL                               256            579            3767             917             1326
            TOTAL (DIESEL)                    3361           2212           20045            3171             7214

    AIRCRAFT

        MILITARY                               978             63             501            1150             2374
        CIVIL                                    6              2              42             121             2375
        COMMERCIAL                               4              9              98              87              271
        TOTAL (AIRCRAFT)                       988             74             641            1358             5020

    VESSELS

        GASOLINE                                 0              8              60            1309             4657
        TOTAL (VESSELS)                          0              8              60            1309             4657

    TOTAL (TRANSPORTATION)                   20331           3191           39563           26774           225772

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                           141              0               7             103              575
    GASOLINE STA EVAP LOSS                       0              0               0            3363                0
    SOLVENT EVAPORATION LOSS                     0              0               0            6700                0
    UNPAVED ROADS                           383338              0               0               0                0
    UNPAVED AIRSTRIPS                           71              0               0               0                0
    TOTAL (MISCELLANEOUS)                   383550              0               7           10166              575

GRAND TOTAL
***********

    AREA SOURCES                            406627          13736           81291           54375           238979

    POINT SOURCES                            16759           6201           36231           13409             3264

    TOTAL                                   423386          19937          117522           67784           242243
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:214 CORPUS CHRISTI-VICTORIA             POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0              2              0              0              2
            DISTILLATE OIL               0              4              1              0              0
            NATURAL GAS                  9              1            400             22             79
            WOOD                       416              2             32            860           2556
            TOTAL (RESIDENTIAL)        425              9            433            882           2637

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           5896          10613          28638             59            505
            RESIDUAL OIL                 6             25             11              0              1
            DISTILLATE OIL               0             15              6              0              1
            NATURAL GAS                227             25          16652             61            756
            TOTAL (ELEC GEN)          6129          10678          45307            120           1263

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           530           3099            769              2             99
            RESIDUAL OIL
                AREA SOURCES           170           2667            488              2             44
            DISTILLATE OIL
                AREA SOURCES            25            380            285              9             67
                POINT SOURCES          152            691            246              1             28
            NATURAL GAS
                AREA SOURCES            48              9          35294          15970           4783
                POINT SOURCES          582            158          14652             60            359
            PROCESS GAS
                POINT SOURCES          808           4698           3188             45           1607
            OTHER
                POINT SOURCES            1              0              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           773           6155          36836          15983           4993
                POINT SOURCES         1543           5547          18086            106           1994

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                AREA SOURCES             5              1            259             12             52
                POINT SOURCES            2              0             34              1              5
            TOTAL (COMM-INST)
                AREA SOURCES             5              1            259             12             52
                POINT SOURCES            2              0             34              1              5
```

```
A10...STATE:42 SOUTH CAROLINA  AQCR:058
B10...STATE:42 SOUTH CAROLINA  AQCR:058
C10...STATE:42 SOUTH CAROLINA  AQCR:167
D10...STATE:42 SOUTH CAROLINA  AQCR:167
E10...STATE:42 SOUTH CAROLINA  AQCR:167
F10...STATE:42 SOUTH CAROLINA  AQCR:167
G10...STATE:42 SOUTH CAROLINA  AQCR:198
H10...STATE:42 SOUTH CAROLINA  AQCR:198
I10...STATE:42 SOUTH CAROLINA  AQCR:198
J10...STATE:42 SOUTH CAROLINA  AQCR:198
K10...STATE:42 SOUTH CAROLINA  AQCR:199
L10...STATE:42 SOUTH CAROLINA  AQCR:199
M10...STATE:42 SOUTH CAROLINA  AQCR:199
N10...STATE:42 SOUTH CAROLINA  AQCR:199
O10...STATE:42 SOUTH CAROLINA  AQCR:200
A11...STATE:42 SOUTH CAROLINA  AQCR:200
B11...STATE:42 SOUTH CAROLINA  AQCR:200
C11...STATE:42 SOUTH CAROLINA  AQCR:200
D11...STATE:42 SOUTH CAROLINA  AQCR:201
E11...STATE:42 SOUTH CAROLINA  AQCR:201
F11...STATE:42 SOUTH CAROLINA  AQCR:201
G11...STATE:42 SOUTH CAROLINA  AQCR:201
H11...STATE:42 SOUTH CAROLINA  AQCR:202
I11...STATE:42 SOUTH CAROLINA  AQCR:202
J11...STATE:42 SOUTH CAROLINA  AQCR:202
K11...STATE:42 SOUTH CAROLINA  AQCR:202
L11...STATE:42 SOUTH CAROLINA  AQCR:203
M11...STATE:42 SOUTH CAROLINA  AQCR:203
N11...STATE:42 SOUTH CAROLINA  AQCR:203
O11...STATE:42 SOUTH CAROLINA  AQCR:203
A12...STATE:42 SOUTH CAROLINA  AQCR:204
B12...STATE:42 SOUTH CAROLINA  AQCR:204
C12...STATE:42 SOUTH CAROLINA  AQCR:204
D12...STATE:42 SOUTH CAROLINA  AQCR:204
E12...STATE 43:SOUTH DAKOTA
F12...STATE 43:SOUTH DAKOTA
G12...STATE 43:SOUTH DAKOTA
H12...STATE 43:SOUTH DAKOTA
I12...STATE:43 SOUTH DAKOTA    AQCR:086
J12...STATE:43 SOUTH DAKOTA    AQCR:086
K12...STATE:43 SOUTH DAKOTA    AQCR:086
L12...STATE:43 SOUTH DAKOTA    AQCR:087
M12...STATE:43 SOUTH DAKOTA    AQCR:087
N12...STATE:43 SOUTH DAKOTA    AQCR:087
O12...STATE:43 SOUTH DAKOTA    AQCR:087

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B13...STATE:43 SOUTH DAKOTA    AQCR:205
C13...STATE:43 SOUTH DAKOTA    AQCR:205
D13...STATE:43 SOUTH DAKOTA    AQCR:205
E13...STATE:43 SOUTH DAKOTA    AQCR:206
F13...STATE:43 SOUTH DAKOTA    AQCR:206
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H13...STATE:43 SOUTH DAKOTA    AQCR:206
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J13...STATE 44:TENNESSEE
K13...STATE 44:TENNESSEE
L13...STATE 44:TENNESSEE
M13...STATE 44:TENNESSEE
N13...STATE:44 TENNESSEE       AQCR:007
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C14...STATE:44 TENNESSEE       AQCR:018
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H14...STATE:44 TENNESSEE       AQCR:055
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M14...STATE:44 TENNESSEE       AQCR:207
N14...STATE:44 TENNESSEE       AQCR:207
O14...STATE:44 TENNESSEE       AQCR:207
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B15...STATE:44 TENNESSEE       AQCR:208
C15...STATE:44 TENNESSEE       AQCR:208
D15...STATE:44 TENNESSEE       AQCR:208
E15...STATE:44 TENNESSEE       AQCR:208
F15...STATE:44 TENNESSEE       AQCR:209
G15...STATE:44 TENNESSEE       AQCR:209
H15...STATE:44 TENNESSEE       AQCR:209
I15...STATE:44 TENNESSEE       AQCR:209
J15...STATE 45:TEXAS
K15...STATE 45:TEXAS
L15...STATE 45:TEXAS
M15...STATE 45:TEXAS
N15...STATE 45:TEXAS
O15...STATE:45 TEXAS           AQCR:022

A16...STATE:45 TEXAS           AQCR:022
B16...STATE:45 TEXAS           AQCR:022
C16...STATE:45 TEXAS           AQCR:022
D16...STATE:45 TEXAS           AQCR:022
E16...STATE:45 TEXAS           AQCR:106
F16...STATE:45 TEXAS           AQCR:106
G16...STATE:45 TEXAS           AQCR:106
H16...STATE:45 TEXAS           AQCR:104
I16...STATE:45 TEXAS           AQCR:153
J16...STATE:45 TEXAS           AQCR:153
K16...STATE:45 TEXAS           AQCR:153
L16...STATE:45 TEXAS           AQCR:153
M16...STATE:45 TEXAS           AQCR:210
N16...STATE:45 TEXAS           AQCR:210
O16...STATE:45 TEXAS           AQCR:210
A17...STATE:45 TEXAS           AQCR:210
B17...STATE:45 TEXAS           AQCR:211
C17...STATE:45 TEXAS           AQCR:211
D17...STATE:45 TEXAS           AQCR:211
E17...STATE:45 TEXAS           AQCR:211
F17...STATE:45 TEXAS           AQCR:212
G17...STATE:45 TEXAS           AQCR:212
H17...STATE:45 TEXAS           AQCR:212
I17...STATE:45 TEXAS           AQCR:212
J17...STATE:45 TEXAS           AQCR:212
K17...STATE:45 TEXAS           AQCR:213
L17...STATE:45 TEXAS           AQCR:213
M17...STATE:45 TEXAS           AQCR:213
N17...STATE:45 TEXAS           AQCR:213
O17...STATE:45 TEXAS           AQCR:214
A18...STATE:45 TEXAS           AQCR:214
B18...STATE:45 TEXAS           AQCR:214
C18...STATE:45 TEXAS           AQCR:214
D18...STATE:45 TEXAS           AQCR:214
E18...STATE:45 TEXAS           AQCR:215
F18...STATE:45 TEXAS           AQCR:215
G18...STATE:45 TEXAS           AQCR:215
H18...STATE:45 TEXAS           AQCR:215
I18...STATE:45 TEXAS           AQCR:215
J18...STATE:45 TEXAS           AQCR:216
K18...STATE:45 TEXAS           AQCR:216
L18...STATE:45 TEXAS           AQCR:216
M18...STATE:45 TEXAS           AQCR:216

FICHE/SEGMT    6    6 CKPT:    1, 3541,   54,    2,  126
```

0007 PB84-121375 1981 NAT'L EMISSIONS REPORT NAT'L EMISSIONS DATA SYSTEM
EPA-450/4-83-022 JANUARY 1984 STATE:45 TEXAS AQCR:217

```
SELECT CARD = <45      217                                                                    45>
STATE 45 COUNTY 0270 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1650 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2050 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2850 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2900 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2970 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3520 NOT FOUND IN POINT FILE
STATE 45 COUNTY 4340 NOT FOUND IN POINT FILE
STATE 45 COUNTY 5710 NOT FOUND IN POINT FILE
```

```
SELECT CARD = <46    014                                                      45>
STATE 46 COUNTY 0400 NOT FOUND IN POINT FILE
STATE 46 COUNTY 1280 NOT FOUND IN POINT FILE
STATE 46 COUNTY 1320 NOT FOUND IN POINT FILE
```

```
                  POINT SOURCES           1        70        12         0         1
              DISTILLATE OIL
                  AREA SOURCES           25       551       256         1        66
              NATURAL GAS
                  AREA SOURCES            1         0        43         1         8
              TOTAL (COMM-INST)
                  AREA SOURCES          178      1693       582         3        97
                  POINT SOURCES           1        70        12         0         1

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES         6945      4106      2390     13748     41202
                  POINT SOURCES         708      1725      1094       114       215

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL              1         9        14         1         3
              TOTAL (ELEC GEN)            1         9        14         1         3

          TOTAL (INTERNAL COMB)           1         9        14         1         3

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES         6945      4106      2390     13748     41202
                  POINT SOURCES         709      1734      1108       115       218

INDUSTRIAL PROCESS (POINT)
**************************

      MINERAL PRODUCTS                    4         0         0         0         0
      ORGANIC SOLVENT EVAPORATION         0         0         0      2640         0
      TOTAL (INDUSTRIAL)                  4         0         0      2640         0

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION          283         2         9       801      2399
          OPEN BURNING                 1345        48       345      1811      5750
          TOTAL (RESIDENTIAL)          1628        50       354      2612      8149

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES           69        21        33        41        95
          TOTAL (COMM-INST)
                  AREA SOURCES           69        21        33        41        95

      INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES            8         0         0         8        16
          TOTAL (INDUSTRIAL)
                  AREA SOURCES            8         0         0         8        16

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES         1705        71       387      2661      8260

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

          GASOLINE
```

```
SELECT CARD = <48    047                                                                45>
STATE 48 COUNTY 1040 NOT FOUND IN POINT FILE
```

```
*** A05 ***                                                                                                    *** A05 ***
                POINT SOURCES            40            105            126            137            428

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             30              6              6             29             42
                POINT SOURCES            82            489             38              6             21
        OPEN BURNING
                AREA SOURCES             10              0              5             15             50
        TOTAL (INDUSTRIAL)
                AREA SOURCES             40              6             11             44             92
                POINT SOURCES            82            489             38              6             21

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            909             52            238           1229           3814
                POINT SOURCES           272            668            254            195           1510

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       22297            741          15946          21960         227594
            LIGHT DUTY TRUCKS          4085            191           3845           4998          45572
            HEAVY DUTY VEHICLES        1037             79           2413           3248          50890
            OFF HIGHWAY                  65             36            744           1977          24998
            TOTAL (GASOLINE)          27484           1047          22948          32183         349054

        DIESEL

            HEAVY DUTY VEHICLES        2422            997           9146           1318           4067
            OFF HIGHWAY                 115             88           1077            165            326
            RAIL                        252            576           3739            907           1315
            TOTAL (DIESEL)             2789           1661          13962           2390           5708

    AIRCRAFT

        MILITARY                        351             22            180            413            852
        CIVIL                             7              3             33            105           2131
        COMMERCIAL                       16             36            379            336           1043
        TOTAL (AIRCRAFT)                374             61            592            854           4026

    VESSELS

        DIESEL FUEL                     222            279           2084            522            730
        RESIDUAL OIL                    367           4842            795             48             27
        GASOLINE                          0             16             86           1882           6707
        TOTAL (VESSELS)                 589           5137           2965           2452           7464

    TOTAL (TRANSPORTATION)            31236           7906          40467          37879         366252

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    116              1             26            129            935
    FOREST MANAGED BURNING               91              1             18             65            508
    STRUCTURAL FIRES                     78              0              6             60            315
    GASOLINE STA EVAP LOSS                0              0              0           4822              0
    SOLVENT EVAPORATION LOSS              0              0              0          15102              0
    UNPAVED ROADS                      3463              0              0              0              0
    TOTAL (MISCELLANEOUS)              3748              2             50          20178           1758

GRAND TOTAL
***********
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        *********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        **********************************

                                                                        RUN DATE:     MONDAY  NOVEMBER 28, 1983
STATE EMISSIONS REPORT                                     AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
*****************************                             POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983
STATE 49:WASHINGTON

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             142            381              26              94             844
            DISTILLATE OIL              187           3213            1337              47             371
            NATURAL GAS                  43              6            1509              75             301
            WOOD                      20679            214            1631           42928          127594
            TOTAL (RESIDENTIAL)       21051           3814            4503           43144          129110

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           42071          63420           84395             174            1489
            LIGNITE                     104              0               0               0               0
            RESIDUAL OIL                 35             72              60               1               2
            DISTILLATE OIL               72             19              12               0               2
            NATURAL GAS                   1              0             177               0              11
            TOTAL (ELEC GEN)          42283          63511           84644             175            1504

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            835           3369            1085               1             140
                POINT SOURCES          1855           2221            2456               5             146
            LIGNITE
                POINT SOURCES          3684            957             188               2             156
            RESIDUAL OIL
                AREA SOURCES           1497          18640            4295              24             390
                POINT SOURCES          2294          16471            3488              45             327
            DISTILLATE OIL
                AREA SOURCES            123           1830            1377              46             324
                POINT SOURCES            29             91              40               0              12
            NATURAL GAS
                AREA SOURCES             52              8            9013            2541            1105
                POINT SOURCES           139             37            4161             119             468
            PROCESS GAS
                POINT SOURCES             0           2940               0               0               0
            WOOD
                POINT SOURCES          7642            330            4135            3057            7451
            OTHER
                POINT SOURCES            96              0              56              12              11
            TOTAL (INDUSTRIAL)
                AREA SOURCES           2507          23847           15770            2612            1959
                POINT SOURCES         15739          23047           14524            3240            8571

        COMM-INSTITUTIONAL FUEL
```

```
*** A07 ***                                                                                                   *** A07 ***
        TOTAL (DIESEL)                   613            448           4394            625           1368

    AIRCRAFT

        CIVIL                              4              1             16             46            920
        TOTAL (AIRCRAFT)                   4              1             16             46            920

    VESSELS

        DIESEL FUEL                        1              2             12              3              5
        GASOLINE                           0             11             67           1502           5352
        TOTAL (VESSELS)                    1             13             79           1505           5357

    TOTAL (TRANSPORTATION)              3161            655           8921           6846          49175

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1670             14            392           1885          13747
    FOREST MANAGED BURNING              1776             13            354           1268           9940
    STRUCTURAL FIRES                      32              0              2             25            128
    GASOLINE STA EVAP LOSS                 0              0              0            588              0
    SOLVENT EVAPORATION LOSS               0              0              0           1177              0
    UNPAVED ROADS                       2925              0              0              0              0
    UNPAVED AIRSTRIPS                     11              0              0              0              0
    TOTAL (MISCELLANEOUS)               6414             27            748           4943          23815

GRAND TOTAL
***********

    AREA SOURCES                       13974           1209          10372          20848          99984

    POINT SOURCES                       6309           3354           1048            900          32948

    TOTAL                              20283           4563          11420          21748         132932
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                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

STATE EMISSIONS REPORT                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE 50:WEST VIRGINIA                                              POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES          SOX              NOX              VOC               CO
                            ************     ************     ************     ************     ************
                             TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               1379             5708              274              924             8288
         DISTILLATE OIL                  57              703              443               10              120
         NATURAL GAS                     73                9             2458              129              490
         WOOD                         18211              190             1439            37804           112349
         TOTAL (RESIDENTIAL)          19720             6610             4614            38867           121247

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              89932           965473           331397             1055             9042
         DISTILLATE OIL                   0              600              414                2               85
         NATURAL GAS                      0                0               55                0                4
         OTHER                           10               15               30               22               30
         TOTAL (ELEC GEN)             89942           966088           331896             1079             9161

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              8535            81886            24615              195             1870
         RESIDUAL OIL
            POINT SOURCES               655             6388             5706               31              207
         DISTILLATE OIL
            AREA SOURCES                 88              911             1031               31              246
            POINT SOURCES               119             1033              664               27               75
         NATURAL GAS
            AREA SOURCES                 97               19            29141             9266             3547
            POINT SOURCES                17                1              592               12              125
         PROCESS GAS
            POINT SOURCES               953             2880            58957              339             1991
         COKE
            POINT SOURCES                46               19                9                0                0
         WOOD
            POINT SOURCES               139                2               35               40               94
         LIQUID PETROL GAS
            POINT SOURCES                18                0               23                0                6
         OTHER
            POINT SOURCES               117                0                0                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                185              930            30172             9297             3793
            POINT SOURCES             10599            92209            90601              644             4368

      COMM-INSTITUTIONAL FUEL
```

NATIONAL EMISSIONS DATA SYSTEM
****

ENVIRONMENTAL PROTECTION AGENCY
****

STATE/AQCR EMISSIONS REPORT
****

STATE:50 WEST VIRGINIA   AQCR:181 STEUBENVILLE-WEIRTON-WHEELING

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	34	142	6	23	206
DISTILLATE OIL	5	53	34	0	8
NATURAL GAS	8	1	261	14	52
WOOD	459	4	36	951	2825
TOTAL (RESIDENTIAL)	506	200	337	988	3091
ELEC GENERATION (POINT)					
BITUMINOUS COAL	18764	315277	70415	185	1585
DISTILLATE OIL	0	59	45	0	9
TOTAL (ELEC GEN)	18764	315336	70460	185	1594
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	3692	50307	11347	65	740
RESIDUAL OIL					
POINT SOURCES	478	3782	5215	15	170
DISTILLATE OIL					
AREA SOURCES	9	94	105	4	26
POINT SOURCES	62	218	259	13	30
NATURAL GAS					
AREA SOURCES	12	3	3398	1081	413
POINT SOURCES	1	0	56	1	14
PROCESS GAS					
POINT SOURCES	951	2546	58933	339	1986
TOTAL (INDUSTRIAL)					
AREA SOURCES	21	97	3503	1085	439
POINT SOURCES	5184	56853	75810	433	2940
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	3	10	3	0	0
BITUMINOUS COAL					
AREA SOURCES	24	197	33	1	20
DISTILLATE OIL					
AREA SOURCES	3	41	29	0	7
NATURAL GAS					
AREA SOURCES	3	0	117	7	24
TOTAL (COMM-INST)					
AREA SOURCES	33	248	182	8	51

```
*** A10 ***                                                                                   *** A10 **
SELECT CARD = <50    234                                                  45>
```

```
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     3365            45            100           9478          28431
        OPEN BURNING                             6710           246           1719           9051          28704
        TOTAL (RESIDENTIAL)                     10075           291           1819          18529          57135

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                     1789           551            855           1041           2451
                POINT SOURCES                     153            19            115             41            227
        OPEN BURNING
                AREA SOURCES                       64             3             21            120            326
        TOTAL (COMM-INST)
                AREA SOURCES                     1853           554            876           1161           2777
                POINT SOURCES                     153            19            115             41            227

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                      115            16             16            109            176
                POINT SOURCES                     113            28             64            242           1913
        OPEN BURNING
                AREA SOURCES                      124             1             51            207            714
                POINT SOURCES                     177             0             42            251           1461
        TOTAL (INDUSTRIAL)
                AREA SOURCES                      239            17             67            316            890
                POINT SOURCES                     290            28            106            493           3374

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                    12167           862           2762          20006          60802
                POINT SOURCES                    2338           416            671           1005           8144

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                 74143          3053          68182          82283         849867
            LIGHT DUTY TRUCKS                   18369          1148          24626          27806         244434
            HEAVY DUTY VEHICLES                  4595           426          13909          15349         242886
            OFF HIGHWAY                           307           156           3368           8962         113277
            TOTAL (GASOLINE)                    97414          4783         110085         134400        1450464

        DIESEL

            HEAVY DUTY VEHICLES                 12452          5602          50896           6701          20553
            OFF HIGHWAY                          1759          1375          16502           2516           4991
            RAIL                                  554          1251           8116           1971           2853
            TOTAL (DIESEL)                      14765          8228          75514          11188          28397

    AIRCRAFT

        MILITARY                                  203            12            103            239            493
        CIVIL                                      34            15            187            574          11532
        COMMERCIAL                                 38            89            926            822           2556
        TOTAL (AIRCRAFT)                          275           116           1216           1635          14581

    VESSELS

        DIESEL FUEL                                62            78            585            146            205
        RESIDUAL OIL                                6            74             12              1              0
        GASOLINE                                    0           110            628          13796          49154
        TOTAL (VESSELS)                            68           262           1225          13943          49359
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*** A12 ***                                                                                        *** A12 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                             RUN DATE:   MONDAY  NOVEMBER 28, 1983
***************************                                 AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN      AQCR:129 DULUTH-SUPERIOR           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                               PARTICULATES       SOX           NOX           VOC            CO
                               ************  ************  ************  ************  ************
                                TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  22           247           154             5            41
         NATURAL GAS                      4             0           178             9            37
         WOOD                          6526            68           514         13546         40264
         TOTAL (RESIDENTIAL)           6552           315           846         13560         40342

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                391          2775          1996            42            65
         RESIDUAL OIL                    10           506            97             1             6
         NATURAL GAS                      0             0           130             0             6
         TOTAL (ELEC GEN)               401          3281          2223            43            77

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             POINT SOURCES             1156          1297           241             9            58
         RESIDUAL OIL
             POINT SOURCES               65          1386           217             1            13
         DISTILLATE OIL
             POINT SOURCES                0            27             3             0             1
         NATURAL GAS
             AREA SOURCES                 0             0           180            33            19
             POINT SOURCES                1             1           110             2            10
         PROCESS GAS
             POINT SOURCES                3            18           123             3            12
         WOOD
             POINT SOURCES              352            99           552           140           175
         TOTAL (INDUSTRIAL)
             AREA SOURCES                 0             0           180            33            19
             POINT SOURCES             1577          2828          1246           155           269

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                 0             4             1             0             0
         BITUMINOUS COAL
             POINT SOURCES                6            86             8             0             5
         DISTILLATE OIL
             AREA SOURCES                 4            77            55             0            15
         NATURAL GAS
             AREA SOURCES                 1             0            72             1            15
             POINT SOURCES                0             0             8             2             3
```

*** A13 ***

STRUCTURAL FIRES	502	0	47	377	2043
GASOLINE STA EVAP LOSS	0	0	0	6884	0
SOLVENT EVAPORATION LOSS	0	0	0	32436	0
UNPAVED ROADS	20325	0	0	0	0
TOTAL (MISCELLANEOUS)	20827	0	47	39697	2045

GRAND TOTAL
****

AREA SOURCES	73946	6127	67430	107104	615281
POINT SOURCES	18358	176595	66828	30347	12339
TOTAL	92304	182722	134258	137451	627620

```
          TOTAL (EXTERNAL COMB)
                  AREA SOURCES                697          2636          9199          3671          3865
                  POINT SOURCES               773         10613         32724           117           980

     INTERNAL COMBUSTION (POINT)

          INDUSTRIAL FUEL

               NATURAL GAS                      9             0          2740            67           347
               TOTAL (INDUSTRIAL)               9             0          2740            67           347

          TOTAL (INTERNAL COMB)                 9             0          2740            67           347

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                697          2636          9199          3671          3865
                  POINT SOURCES               782         10613         35464           184          1327

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                    86           176             4             0             0
     FOOD/AGRICULTURAL                         95            14             6             0             0
     MINERAL PRODUCTS                        1303          1005           256             0             0
     PETROLEUM INDUSTRY                       258          2649           536           809           280
     PETROLEUM STORAGE/TRANSPORT                0             0             0           571             0
     OTHER/NOT CLASSIFIED                       0           524             0             0             0
     TOTAL (INDUSTRIAL)                      1742          4368           802          1380           280

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                225             3             6           634          1904
          OPEN BURNING                        122             5            31           166           525
          TOTAL (RESIDENTIAL)                 347             8            37           800          2429

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES                 71            22            33            41            96
          TOTAL (COMM-INST)
                  AREA SOURCES                 71            22            33            41            96

     INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES                  6             1             1             6            10
                  POINT SOURCES               134             2            19           210          2490
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                  6             1             1             6            10
                  POINT SOURCES               134             2            19           210          2490

     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES                424            31            71           847          2535
                  POINT SOURCES               134             2            19           210          2490

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES           1870            89          1484          2948         37011
```

```
SELECT CARD = <55    247                                                                                 45>
STATE 55 COUNTY 0190 NOT FOUND IN POINT FILE
```

OPEN BURNING					
AREA SOURCES	31	0	14	48	165
TOTAL (INDUSTRIAL)					
AREA SOURCES	31	0	14	48	165
POINT SOURCES	319	81	123	298	778
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2613	80	532	4463	13831
POINT SOURCES	360	142	178	345	1310
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	17710	926	20493	22373	204402
LIGHT DUTY TRUCKS	5451	412	8545	8962	70359
HEAVY DUTY VEHICLES	998	107	3530	3282	52761
OFF HIGHWAY	59	33	687	1835	23199
TOTAL (GASOLINE)	24218	1478	33255	36452	350721
DIESEL					
HEAVY DUTY VEHICLES	2938	1530	13718	1553	4691
OFF HIGHWAY	513	397	4817	736	1457
RAIL	562	1273	8272	2012	2903
TOTAL (DIESEL)	4013	3200	26807	4301	9051
AIRCRAFT					
MILITARY	13	1	7	15	32
CIVIL	5	2	33	112	2193
COMMERCIAL	4	8	87	77	241
TOTAL (AIRCRAFT)	22	11	127	204	2466
VESSELS					
DIESEL FUEL	162	205	1543	384	545
GASOLINE	0	35	204	4521	16121
TOTAL (VESSELS)	162	240	1747	4905	16666
TOTAL (TRANSPORTATION)	28415	4929	61936	45862	378904
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	4375	37	1031	4939	36030
FOREST MANAGED BURNING	1166	7	234	834	6529
AGRICULTURAL BURNING	150	0	22	139	1000
STRUCTURAL FIRES	278	0	24	210	1131
GASOLINE STA EVAP LOSS	0	0	0	4710	0
SOLVENT EVAPORATION LOSS	0	0	0	20056	0
UNPAVED ROADS	83686	0	0	0	0
UNPAVED AIRSTRIPS	111	0	0	0	0
TOTAL (MISCELLANEOUS)	89766	44	1311	30888	44690
GRAND TOTAL					
***********					
AREA SOURCES	127344	17257	84503	98178	473230
POINT SOURCES	25183	269796	88794	22199	53594
TOTAL	152527	287053	173297	120377	526824

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                                         NATIONAL EMISSIONS DATA SYSTEM
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                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:    MONDAY   NOVEMBER 28, 1983
*****************************                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:017 METROPOLITAN FORT SMITH                                  POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             3              12               1               2              15
            DISTILLATE OIL              0               4               2               0               0
            NATURAL GAS                15               3             528              30             105
            WOOD                     5705              60             451           11844           35199
            TOTAL (RESIDENTIAL)      5723              79             982           11876           35319

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           969           11907            7499              65             555
            TOTAL (ELEC GEN)          969           11907            7499              65             555

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           97             955             190               0              25
            RESIDUAL OIL
                AREA SOURCES            0               1               0               0               0
            DISTILLATE OIL
                AREA SOURCES           18             169             190               5              45
            NATURAL GAS
                AREA SOURCES           12               1            5424            2032             723
                POINT SOURCES           2               0              58               0               4
            WOOD
                POINT SOURCES          21               1               6               7              16
            TOTAL (INDUSTRIAL)
                AREA SOURCES          127            1126            5804            2037             793
                POINT SOURCES          23               1              64               7              20

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES            5              76              18               0               2
            DISTILLATE OIL
                AREA SOURCES            5              86              61               0              15
            NATURAL GAS
                AREA SOURCES            7               1             260              13              51
            TOTAL (COMM-INST)
                AREA SOURCES           17             163             339              13              68

        TOTAL (EXTERNAL COMB)
                AREA SOURCES         5867            1368            7125           13926           36180
                POINT SOURCES         992           11908            7563              72             575
```

```
*** A18 ***                                                                                          *** A18
    SOLVENT EVAPORATION LOSS               0           0           0       20805           0
    UNPAVED ROADS                     287796           0           0           0           0
    UNPAVED AIRSTRIPS                     81           0           0           0           0
    TOTAL (MISCELLANEOUS)             307597         162        4420       48839      148695

GRAND TOTAL
***********

    AREA SOURCES                      368949       38699      171971      155335      797591

    POINT SOURCES                      50615      224659      206660       62641       82082

    TOTAL                             419564      263358      378631      217976      879673
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                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   MONDAY  NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:45 TEXAS          AQCR:217 METROPOLITAN SAN ANTONIO            POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                                 PARTICULATES        SOX            NOX            VOC             CO
                                 ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 1              3              0              0              4
         DISTILLATE OIL                  1             15              6              0              1
         NATURAL GAS                    31              5           1110             59            223
         WOOD                         1334             14            106           2768           8221
         TOTAL (RESIDENTIAL)          1367             37           1222           2827           8449

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              1538          33653          41446            138           1184
         RESIDUAL OIL                    6              3              7              0              0
         DISTILLATE OIL                  0             27             33              0              7
         NATURAL GAS                   450              9           9440             22            143
         TOTAL (ELEC GEN)             1994          33692          50926            160           1334

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             1211           7073           1760              5            225
         RESIDUAL OIL
             AREA SOURCES              498           6556           1431              6            130
         DISTILLATE OIL
             AREA SOURCES               53            796            598             19            139
         NATURAL GAS
             AREA SOURCES               81             15          61173          24215           8291
             POINT SOURCES              25            139            191              4              8
         WOOD
             POINT SOURCES             102              0              5              7              7
         LIQUID PETROL GAS
             POINT SOURCES               1              0             11              0              1
         TOTAL (INDUSTRIAL)
             AREA SOURCES             1843          14440          64962          24245           8785
             POINT SOURCES             128            139            207             11             16

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES                4             14              5              0              0
         BITUMINOUS COAL
             AREA SOURCES                2             42              7              0              4
         RESIDUAL OIL
             AREA SOURCES              584           9380           1708             34            155
             POINT SOURCES               0              1              0              0              0
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         **********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         ***********************************

                                                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
STATE/AQCR EMISSIONS REPORT                                                 AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
*****************************                                              POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983
STATE:46 UTAH            AQCR:014 FOUR CORNERS

                             PARTICULATES        SOX             NOX             VOC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             61             250              12              41             362
            DISTILLATE OIL               1              23               9               0               3
            NATURAL GAS                  2               0              69               3              13
            WOOD                      1984              20             157            4119           12241
            TOTAL (RESIDENTIAL)       2048             293             247            4163           12619

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            587           11738           22312              76             641
            DISTILLATE OIL               0              15              13               0               3
            TOTAL (ELEC GEN)           587           11753           22325              76             644

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            32             177              44               0               4
            DISTILLATE OIL
                AREA SOURCES             2              26              20               0               5
            NATURAL GAS
                AREA SOURCES             0               0             162              58              22
            TOTAL (INDUSTRIAL)
                AREA SOURCES            34             203             226              58              31

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             9              37               6               0               3
            TOTAL (COMM-INST)
                AREA SOURCES             9              37               6               0               3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          2091             533             479            4221           12653
                POINT SOURCES          587           11753           22325              76             644

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          2091             533             479            4221           12653
                POINT SOURCES          587           11753           22325              76             644

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                    25               2               1             237              44
```

```
          LIGHT DUTY VEHICLES                 7182              377             7984             7861            77912
          LIGHT DUTY TRUCKS                   2287              170             3587             3501            29796
          HEAVY DUTY VEHICLES                  473               50             1739             1661            26558
          OFF HIGHWAY                           43               23              486             1290            16324
          TOTAL (GASOLINE)                    9985              620            13796            14313           150590

      DIESEL

          HEAVY DUTY VEHICLES                 1283              646             5801              680             2065
          OFF HIGHWAY                          243              191             2294              350              693
          RAIL                                   9               18              117               27               43
          TOTAL (DIESEL)                      1535              855             8212             1057             2801

   AIRCRAFT

      MILITARY                                  69                4               35               81              167
      CIVIL                                      3                1               24               72             1446
      COMMERCIAL                                 5               11              111               99              307
      TOTAL (AIRCRAFT)                          77               16              170              252             1920

   VESSELS

      DIESEL FUEL                                3                4               29                7               11
      GASOLINE                                   0                7               47             1019             3630
      TOTAL (VESSELS)                            3               11               76             1026             3641

   TOTAL (TRANSPORTATION)                    11600             1502            22254            16648           158952

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                             82                0               16               92              666
   AGRICULTURAL BURNING                          2                0                0                2               12
   STRUCTURAL FIRES                            128                0               12               94              516
   GASOLINE STA EVAP LOSS                        0                0                0             2240                0
   SOLVENT EVAPORATION LOSS                      0                0                0             7184                0
   UNPAVED ROADS                             76176                0                0                0                0
   UNPAVED AIRSTRIPS                            13                0                0                0                0
   TOTAL (MISCELLANEOUS)                     76401                0               28             9612             1194

GRAND TOTAL
***********

   AREA SOURCES                              96651             5679            25059            42669           209608

   POINT SOURCES                               713             1734             1108             2755              218

   TOTAL                                     97364             7413            26167            45424           209826
```

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                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

STATE/AQCR EMISSIONS REPORT                                             RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:48 VIRGINIA       AQCR:047 NATIONAL CAPITAL          POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                         PARTICULATES        SOX             NOX             VOC             CO
                         ************   ************    ************    ************    ************
                         TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL           0               0               0               0               1
         BITUMINOUS COAL          10              31               1               7              62
         DISTILLATE OIL           60             736             434              16             120
         NATURAL GAS              31               7            1010              53             202
         WOOD                    638               7              50            1326            3939
         TOTAL (RESIDENTIAL)     739             781            1495            1402            4324

      ELEC GENERATION (POINT)

         BITUMINOUS COAL       30669           29757           17628              58             504
         RESIDUAL OIL            410            5045            3064              35             229
         TOTAL (ELEC GEN)      31079           34802           20692              93             733

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         120             714             236               1              30
         RESIDUAL OIL
            POINT SOURCES         31             411             142               1              13
         NATURAL GAS
            AREA SOURCES           3               0             579             163              72
         TOTAL (INDUSTRIAL)
            AREA SOURCES         123             714             815             164             102
            POINT SOURCES         31             411             142               1              13

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES        133            1738             657              13              60
         DISTILLATE OIL
            POINT SOURCES          9             151              85               2              21
         NATURAL GAS
            AREA SOURCES          14               2             470              24              94
            POINT SOURCES          0               0              12               0               3
         TOTAL (COMM-INST)
            AREA SOURCES          14               2             470              24              94
            POINT SOURCES        142            1889             754              15              84

      TOTAL (EXTERNAL COMB)
            AREA SOURCES         876            1497            2780            1590            4520
            POINT SOURCES      31252           37102           21588             109             830

   INTERNAL COMBUSTION (POINT)
```

```
*** B05 ***                                                                                                  *** B05 ***
   AREA SOURCES                    38987          12883          45786          64698         386885
   POINT SOURCES                   10905          82378          21160          19850          16395
   TOTAL                           49892          95261          66946          84548         403280
```

BITUMINOUS COAL					
AREA SOURCES	565	1382	348	11	206
POINT SOURCES	2	0	0	0	0
RESIDUAL OIL					
AREA SOURCES	273	3508	808	11	73
POINT SOURCES	27	282	87	1	7
DISTILLATE OIL					
AREA SOURCES	16	401	184	1	42
POINT SOURCES	25	1183	246	4	62
NATURAL GAS					
AREA SOURCES	32	5	1201	62	238
POINT SOURCES	19	1	394	7	74
TOTAL (COMM-INST)					
AREA SOURCES	886	5296	2541	85	559
POINT SOURCES	73	1466	727	12	143
TOTAL (EXTERNAL COMB)					
AREA SOURCES	24444	32957	22814	45841	131628
POINT SOURCES	58095	88024	99895	3427	10218
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	57	46	1	0
TOTAL (ELEC GEN)	5	57	46	1	0
INDUSTRIAL FUEL					
NATURAL GAS	9	0	249	4	78
TOTAL (INDUSTRIAL)	9	0	249	4	78
ENGINE-TESTING					
TOTAL (ENG TESTNG)	1	2	2	5	4
TOTAL (INTERNAL COMB)	15	59	297	10	82
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	24444	32957	22814	45841	131628
POINT SOURCES	58110	88083	100192	3437	10300
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	13310	7699	2847	434	59
FOOD/AGRICULTURAL	9809	0	2	232	20
PRIMARY METAL	10269	27886	296	1200	197307
SECONDARY METALS	467	16	24	2	506
MINERAL PRODUCTS	4166	2172	986	133	2250
PETROLEUM INDUSTRY	1485	2963	1046	4659	1461
WOOD PRODUCTS	9335	6232	9868	9599	15041
ORGANIC SOLVENT EVAPORATION	86	0	0	3133	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	6537	0
METAL FABRICATION	8	0	0	0	0
TEXTILE MANUFACTURING	4	0	0	0	0
OTHER/NOT CLASSIFIED	67	3	30	11	6
TOTAL (INDUSTRIAL)	49006	46971	15099	25940	216650
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	9	2	1	9	14

```
*** B07 ***                                                                                        *** B07 ***
SELECT CARD = <49    228                                                             45>
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```
          ANTHRACITE COAL
              AREA SOURCES              27          106           33            0            0
          BITUMINOUS COAL
              AREA SOURCES             239         1971          329           11          194
              POINT SOURCES            278          726           89            0           54
          RESIDUAL OIL
              POINT SOURCES             22          288           47            1            5
          DISTILLATE OIL
              AREA SOURCES              25          430          305            1           72
              POINT SOURCES              2            6            8            1            1
          NATURAL GAS
              AREA SOURCES              28            2         1124           56          226
              POINT SOURCES              0            0            2            0            1
          WOOD
              POINT SOURCES             21            2           15           55           60
          TOTAL (COMM-INST)
              AREA SOURCES             319         2509         1791           68          492
              POINT SOURCES            323         1022          161           57          121

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           20224        10049        36577        48232       125532
              POINT SOURCES         100864      1059319       422658         1780        13650

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           20224        10049        36577        48232       125532
              POINT SOURCES         100864      1059319       422658         1780        13650

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            1501        31456           78         1742         9592
    PRIMARY METAL                     8720        20838         9693         2174       150313
    SECONDARY METALS                   951         1387           14            0        10958
    MINERAL PRODUCTS                 13294         9131         9760         1938          758
    PETROLEUM INDUSTRY                  25          722          182            1           21
    WOOD PRODUCTS                       28           31          102          164         1158
    ORGANIC SOLVENT EVAPORATION          0            0            0           13            0
    PETROLEUM STORAGE/TRANSPORT          0            0            0            2            0
    METAL FABRICATION                   34            0            0            0            0
    OTHER/NOT CLASSIFIED                 0         2064            0            0            0
    TOTAL (INDUSTRIAL)               24553        65629        19829         6034       172800

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           1            0            0            1            1
        TOTAL (GOVERNMENT)               1            0            0            1            1

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            88            0            0          256          774
        OPEN BURNING                  4727          172         1211         6382        20239
        TOTAL (RESIDENTIAL)           4815          172         1211         6638        21013

    INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES            316           86          174          652         3308
        OPEN BURNING
              AREA SOURCES              20            0           10           31          105
        TOTAL (INDUSTRIAL)
              AREA SOURCES              20            0           10           31          105
              POINT SOURCES            316           86          174          652         3308
        TOTAL (EXTERNAL COMB)
                AREA SOURCES                560               545              4022              2081              3581
                POINT SOURCES             23948            372189            146270               618              4534

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                560               545              4022              2081              3581
                POINT SOURCES             23948            372189            146270               618              4534

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  362             14282                 4               376              8752
    PRIMARY METAL                          3726             11588              9693              2128             50167
    MINERAL PRODUCTS                        740               303                94               117                89
    PETROLEUM INDUSTRY                       22               694               182                 1                21
    WOOD PRODUCTS                             5                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                     4855             26867              9973              2622             59029

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  9                 0                 0                25                75
        OPEN BURNING                        259                 9                67               350              1109
        TOTAL (RESIDENTIAL)                 268                 9                67               375              1184

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                58                32                39                22               403
        OPEN BURNING
                AREA SOURCES                  2                 0                 1                 3                10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  2                 0                 1                 3                10
                POINT SOURCES                58                32                39                22               403

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                270                 9                68               378              1194
                POINT SOURCES                58                32                39                22               403

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            1824                73              1504              1726             17649
            LIGHT DUTY TRUCKS               486                28               550               629              5540
            HEAVY DUTY VEHICLES             370                33              1046              1194             18891
            OFF HIGHWAY                      12                 6               138               366              4631
            TOTAL (GASOLINE)               2692               140              3238              3915             46711

        DIESEL

            HEAVY DUTY VEHICLES             275               122              1107               148               456
            OFF HIGHWAY                      28                22               261                40                79
            RAIL                             71               159              1034               251               363
            TOTAL (DIESEL)                  374               303              2402               439               898

    AIRCRAFT

        MILITARY                             20                 1                10                24                50
        CIVIL                                 1                 0                 5                16               310
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:234 KANAWHA VALLEY                    POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                                 PARTICULATES          SOX               NOX               VOC                CO
                                 ************     ************      ************      ************      ************
                                  TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                92               383                19                62               555
            DISTILLATE OIL                  1                24                16                 0                 4
            NATURAL GAS                    14                 2               495                26                99
            WOOD                          700                 8                55              1452              4315
            TOTAL (RESIDENTIAL)           807               417               585              1540              4973

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             21302            109350             74355               248              2124
            DISTILLATE OIL                  0                64                48                 0                10
            TOTAL (ELEC GEN)            21302            109414             74403               248              2134

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES            3959             21723             11284                40               883
            RESIDUAL OIL
                POINT SOURCES               5               105                45                 0                 4
            DISTILLATE OIL
                AREA SOURCES                8                87                99                 3                24
                POINT SOURCES               1                39                13                 0                 3
            NATURAL GAS
                AREA SOURCES               16                 3              4661              1482               566
                POINT SOURCES               1                 0                51                 1                13
            LIQUID PETROL GAS
                POINT SOURCES              18                 0                23                 0                 6
            OTHER
                POINT SOURCES             117                 0                 0                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES               24                90              4760              1485               590
                POINT SOURCES            4101             21867             11416                41               909

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                7                23                 8                 0                 0
            BITUMINOUS COAL
                AREA SOURCES               53               428                72                 3                42
            DISTILLATE OIL
                AREA SOURCES                6                85                59                 1                15
            NATURAL GAS
                AREA SOURCES                7                 1               251                13                50
    TOTAL (TRANSPORTATION)                   112522          13389          188040          161166          1542801

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           1673              9             393            1893            13792
    STRUCTURAL FIRES                           1268              0             117             948             5142
    GASOLINE STA EVAP LOSS                        0              0               0           19190                0
    SOLVENT EVAPORATION LOSS                      0              0               0           79885                0
    UNPAVED ROADS                            437128              0               0               0                0
    UNPAVED AIRSTRIPS                            66              0               0               0                0
    TOTAL (MISCELLANEOUS)                    440135              9             510          101916            18934

GRAND TOTAL
***********

    AREA SOURCES                             594324          20139          216812          345089          1803410

    POINT SOURCES                             85371         594359          217693           76672            50065

    TOTAL                                    679695         614498          434505          421761          1853475
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         TOTAL (COMM-INST)
              AREA SOURCES                   5                  81                 128                   1                  30
              POINT SOURCES                  6                  86                  16                   2                   8

     TOTAL (EXTERNAL COMB)
              AREA SOURCES                6557                 396                1154               13594               40391
              POINT SOURCES               1984                6195                3485                 200                 354

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            NATURAL GAS                     12                  10                 487                  35                  96
            TOTAL (ELEC GEN)                12                  10                 487                  35                  96

        INDUSTRIAL FUEL

            DISTILLATE OIL                  62                  82                 464                  21                  73
            TOTAL (INDUSTRIAL)              62                  82                 464                  21                  73

        TOTAL (INTERNAL COMB)               74                  92                 951                  56                 169

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                6557                 396                1154               13594               40391
              POINT SOURCES               2058                6287                4436                 256                 523

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   0                 270                   0                   0                   0
    FOOD/AGRICULTURAL                      880                   0                   0                   0                   0
    MINERAL PRODUCTS                      8318                1899                 554                 157                  58
    PETROLEUM INDUSTRY                      12                 831                 397                 524                  54
    WOOD PRODUCTS                           22                2028                  60                  12                  12
    ORGANIC SOLVENT EVAPORATION              0                   0                   1                 386                   0
    PETROLEUM STORAGE/TRANSPORT              0                   0                   0                2601                   0
    OTHER/NOT CLASSIFIED                     0                 626                   0                   0                   0
    TOTAL (INDUSTRIAL)                    9232                5654                1012                3680                 124

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                77                   0                   1                 220                 661
        OPEN BURNING                       232                   9                  60                 312                 988
        TOTAL (RESIDENTIAL)                309                   9                  61                 532                1649

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                18                   2                  11                  11                  25
                POINT SOURCES               13                   0                   2                  18                 216
        TOTAL (COMM-INST)
                AREA SOURCES                18                   2                  11                  11                  25
                POINT SOURCES               13                   0                   2                  18                 216

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 6                   0                   0                   6                  11
                POINT SOURCES                6                   1                   6                  66                 780
        OPEN BURNING
                AREA SOURCES                 4                   0                   2                   6                  20
        TOTAL (INDUSTRIAL)
```

```
SELECT CARD = <51    240                                                          45>
STATE 51 COUNTY 1380 NOT FOUND IN POINT FILE
STATE 51 COUNTY 1720 NOT FOUND IN POINT FILE
```

```
          LIGHT DUTY TRUCKS                 1052         72        1076        1821       23248
          HEAVY DUTY VEHICLES                170         17         391         740       14748
          OFF HIGHWAY                          9          4          86         230        2904
          TOTAL (GASOLINE)                  3101        182        3037        5739       77911

      DIESEL

          HEAVY DUTY VEHICLES                456        224        1056         489        1189
          OFF HIGHWAY                        232        181        2185         334         660
          RAIL                               540       1231        7990        1940        2808
          TOTAL (DIESEL)                    1228       1636       11231        2763        4657

   AIRCRAFT

      MILITARY                                62          4          32          73         151
      CIVIL                                    2          1          10          31         624
      COMMERCIAL                               2          5          50          44         137
      TOTAL (AIRCRAFT)                        66         10          92         148         912

   VESSELS

      GASOLINE                                 0          0           4          94         335
      TOTAL (VESSELS)                          0          0           4          94         335

   TOTAL (TRANSPORTATION)                   4395       1828       14364        8744       83815

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          264          2          62         298        2169
   FOREST MANAGED BURNING                     85          1          17          60         473
   STRUCTURAL FIRES                           32          0           3          25         133
   GASOLINE STA EVAP LOSS                      0          0           0         929           0
   SOLVENT EVAPORATION LOSS                    0          0           0         974           0
   UNPAVED ROADS                           88760          0           0           0           0
   UNPAVED AIRSTRIPS                          36          0           0           0           0
   TOTAL (MISCELLANEOUS)                   89177          3          82        2286        2775

GRAND TOTAL
***********

   AREA SOURCES                            94693       4498       23716       15548       92990

   POINT SOURCES                            2658      14983       36285        1774        4097

   TOTAL                                   97351      19481       60001       17322       97087
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT                                             RUN DATE:    MONDAY  NOVEMBER 28, 1983
***** ********************                                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:55 VIRGIN ISLANDS  AQCR:247 U.S. VIRGIN ISLANDS      POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                          PARTICULATES         SOX            NOX            VOC             CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES          233            3090           1004              5             91
         DISTILLATE OIL
            AREA SOURCES             0               3              1              0              0
            POINT SOURCES            0               5              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             0               3              1              0              0
            POINT SOURCES          233            3095           1005              5             91

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            POINT SOURCES            0              20              3              0              1
         TOTAL (COMM-INST)
            POINT SOURCES            0              20              3              0              1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             0               3              1              0              0
            POINT SOURCES          233            3115           1008              5             92

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             0               3              1              0              0
            POINT SOURCES          233            3115           1008              5             92

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING          201              74              0              0              0
   MINERAL PRODUCTS               1100               1              1              1              1
   PETROLEUM INDUSTRY               61             754            641              5             74
   OTHER/NOT CLASSIFIED             30              74              0              0              0
   TOTAL (INDUSTRIAL)             1392             903            642              6             75

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES      1723             114           2520           2385          20043
         LIGHT DUTY TRUCKS         332              29            577            553           4083
```

```
SELECT CARD = <      012                                                                      40>
```

```
    TOTAL (FUEL COMBUSTION)

            AREA SOURCES             5867          1368          7125         13926         36180
            POINT SOURCES             992         11908          7563            72           575

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING           1905             0             0          1754          1524
    FOOD/AGRICULTURAL                 382             0             0             0             0
    PRIMARY METAL                     776            45           120           251            92
    SECONDARY METALS                    0             0             0            56             0
    MINERAL PRODUCTS                 4300             1             8             1             2
    ORGANIC SOLVENT EVAPORATION        96             0             0          4636             0
    PETROLEUM STORAGE/TRANSPORT         0             0             0             1             0
    TOTAL (INDUSTRIAL)               7459            46           128          6699          1618

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           96             0             2           267           803
        OPEN BURNING                  823            30           212          1111          3519
        TOTAL (RESIDENTIAL)           919            30           214          1378          4322

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           17             5             9             9            23
        TOTAL (COMM-INST)
                AREA SOURCES           17             5             9             9            23

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            7             1             1             7            11
        OPEN BURNING
                AREA SOURCES            6             0             3             9            30
        TOTAL (INDUSTRIAL)
                AREA SOURCES           13             1             4            16            41

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          949            36           227          1403          4386

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      6109           278          6122          6846         65254
            LIGHT DUTY TRUCKS        2171           124          2512          2964         25402
            HEAVY DUTY VEHICLES       766            75          2467          2510         40024
            OFF HIGHWAY                25            14           278           740          9348
            TOTAL (GASOLINE)         9071           491         11379         13060        140028

        DIESEL

            HEAVY DUTY VEHICLES      2945          1307         11860          1582          4862
            OFF HIGHWAY               338           266          3194           487           965
            RAIL                      227           515          3346           813          1175
            TOTAL (DIESEL)           3510          2088         18400          2882          7002

    AIRCRAFT
```

```
SELECT CARD = <      042                                                  40>
```

```
*** C01 ***                                                                                          *** C01 ***
          DISTILLATE OIL
              AREA SOURCES           228          4919          2277            34           569
          NATURAL GAS
              AREA SOURCES            16             3           656            33           131
              POINT SOURCES           26             0           353             4             5
          TOTAL (COMM-INST)
              AREA SOURCES           834         14358          4653           101           859
              POINT SOURCES           26             1           353             4             5

       TOTAL (EXTERNAL COMB)
              AREA SOURCES          4044         28835         70837         27173         18093
              POINT SOURCES         2148         33832         51486           175          1355

    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          NATURAL GAS                 10             6          3532            22           415
          TOTAL (INDUSTRIAL)          10             6          3532            22           415

       ENGINE-TESTING

          TOTAL (ENG TESTNG)         150             0             1           150            75

       TOTAL (INTERNAL COMB)         160             6          3533           172           490

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES          4044         28835         70837         27173         18093
              POINT SOURCES         2308         33838         55019           347          1845

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             0         19870            38             0             0
    FOOD/AGRICULTURAL               1312             0             0             0             0
    SECONDARY METALS                   0             0             1             0             0
    MINERAL PRODUCTS               26167          3953          1178            42            36
    PETROLEUM INDUSTRY                32           953           248          1426             5
    ORGANIC SOLVENT EVAPORATION        0             0             1          1317             0
    PETROLEUM STORAGE/TRANSPORT        0             0             0          4111             0
    METAL FABRICATION                  0             0             0           150             0
    OTHER/NOT CLASSIFIED               0             0             0          1255             0
    TOTAL (INDUSTRIAL)             27511         24776          1466          8301            41

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OPEN BURNING                  292             0            69           412          2402
       OTHER INCINERATION              7             0            74             0             0
       TOTAL (GOVERNMENT)            299             0           143           412          2402

    RESIDENTIAL (AREA)

       ON SITE INCINERATION          322             4             7           903          2706
       OPEN BURNING                 1027            37           261          1389          4401
       TOTAL (RESIDENTIAL)          1349            41           268          2292          7107

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES            74            19            37            44           106
       OPEN BURNING
              AREA SOURCES             2             0             1             5            13
```

```
*** CO2 ***                                                                                    *** CO2 ***
    TOTAL (INDUSTRIAL)                        25          2          1        237         44

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 263          3          7        739       2217
        OPEN BURNING                         216          7         54        290        919
        TOTAL (RESIDENTIAL)                  479         10         61       1029       3136

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   4          0          2          2          7
        TOTAL (COMM-INST)
                AREA SOURCES                   4          0          2          2          7

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   3          0          0          3          6
                POINT SOURCES                137          2         20        216       2548
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   3          0          0          3          6
                POINT SOURCES                137          2         20        216       2548

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 486         10         63       1034       3149
                POINT SOURCES                137          2         20        216       2548

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             1704         83       1423       2883      35286
            LIGHT DUTY TRUCKS               1227         84       1247       2131      26841
            HEAVY DUTY VEHICLES               81          7        182        346       6898
            OFF HIGHWAY                        3          1         41        109       1379
            TOTAL (GASOLINE)                3015        175       2893       5469      70404

        DIESEL

            HEAVY DUTY VEHICLES              252        127        596        269        654
            OFF HIGHWAY                       56         43        533         81        161
            RAIL                              53        122        789        191        278
            TOTAL (DIESEL)                   361        292       1918        541       1093

    AIRCRAFT

        CIVIL                                  1          0          8         27        558
        TOTAL (AIRCRAFT)                       1          0          8         27        558

    VESSELS

        GASOLINE                               0          2          9        220        786
        TOTAL (VESSELS)                        0          2          9        220        786

    TOTAL (TRANSPORTATION)                  3377        469       4828       6257      72841

MISCELLANEOUS (AREA)
********************
```

```
SELECT CARD = <47    159                                                                                  45>
STATE 47 COUNTY 0260 NOT FOUND IN POINT FILE
STATE 47 COUNTY 0420 NOT FOUND IN POINT FILE
```

```
        ELECTRIC GENERATION

            DISTILLATE OIL             11            93           150            11            34
            TOTAL (ELEC GEN)           11            93           150            11            34

        TOTAL (INTERNAL COMB)          11            93           150            11            34

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          876          1497          2780          1590          4520
                POINT SOURCES       31263         37195         21738           120           864

INDUSTRIAL PROCESS (POINT)
***************************

    FOOD/AGRICULTURAL                   2             0             0           110             0
    PRIMARY METAL                       2             0             0             0             0
    SECONDARY METALS                    1             1             0             0            81
    MINERAL PRODUCTS                 2459            31            15            34            16
    ORGANIC SOLVENT EVAPORATION         2             0             0            60             0
    PETROLEUM STORAGE/TRANSPORT         0             0             0          1477             0
    TOTAL (INDUSTRIAL)               2466            32            15          1681            97

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          0             1             1             9            14
        OTHER INCINERATION             61            27           134            27             0
        TOTAL (GOVERNMENT)             61            28           135            36            14

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           18             0             0            52           157
        OPEN BURNING                  293            11            75           392          1247
        TOTAL (RESIDENTIAL)           311            11            75           444          1404

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           28             8            12            16            38
                POINT SOURCES          34            18            60            10           288
        TOTAL (COMM-INST)
                AREA SOURCES           28             8            12            16            38
                POINT SOURCES          34            18            60            10           288

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES           15             3             3            15            22
        OPEN BURNING
                AREA SOURCES            2             0             1             3            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES           17             3             4            18            32

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          356            22            91           478          1474
                POINT SOURCES          95            46           195            46           302

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE
```

```
SELECT CARD = <48    224                                                                     45>
STATE 48 COUNTY 1380 NOT FOUND IN POINT FILE
STATE 48 COUNTY 1680 NOT FOUND IN POINT FILE
STATE 48 COUNTY 1860 NOT FOUND IN POINT FILE
STATE 48 COUNTY 1960 NOT FOUND IN POINT FILE
```

```
      OPEN BURNING                       123          1          149          25          96
      OTHER INCINERATION                  11          0            6           1           0
      TOTAL (GOVERNMENT)                 143          3          156          35         110

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              3803         60          117       10697       32088
      OPEN BURNING                      4148        153         1062        5602       17763
      TOTAL (RESIDENTIAL)               7951        213         1179       16299       49851

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                82         22           37          48         120
              POINT SOURCES               19         33          957          25         460
      OPEN BURNING
              AREA SOURCES                 8          0            3          15          39
              POINT SOURCES               61          0           14          84         492
      TOTAL (COMM-INST)
              AREA SOURCES                90         22           40          63         159
              POINT SOURCES               80         33          971         109         952

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                26          1            1          26          49
              POINT SOURCES              764         27          104         744        8433
      OPEN BURNING
              AREA SOURCES                70          1           28         114         395
              POINT SOURCES                2          0            0           2          14
      TOTAL (INDUSTRIAL)
              AREA SOURCES                96          2           29         140         444
              POINT SOURCES              766         27          104         746        8447

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              8137        237         1248       16502       50454
              POINT SOURCES              989         63         1231         890        9509

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES          73231       2624        59387       83065      840139
          LIGHT DUTY TRUCKS            26808       1378        29261       38847      346121
          HEAVY DUTY VEHICLES           2284        184         5802        7238      113875
          OFF HIGHWAY                    234        124         2602        6924       87556
          TOTAL (GASOLINE)            102557       4310        97052      136074     1387691

      DIESEL

          HEAVY DUTY VEHICLES           9506       4081        37245        5147       15848
          OFF HIGHWAY                   2232       1749        21001        3199        6344
          RAIL                           890       2022        13122        3183        4613
          TOTAL (DIESEL)               12628       7852        71368       11529       26805

   AIRCRAFT

      MILITARY                          1221         80          627        1438        2968
      CIVIL                               53         31          238         733       14693
      COMMERCIAL                          68        157         1628        1443        4485
      TOTAL (AIRCRAFT)                  1342        268         2493        3614       22146

   VESSELS
```

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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:49 WASHINGTON      AQCR:228 OLYMPIA-NORTHWEST WASHINGTON                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                  PARTICULATES          SOX              NOX              VOC               CO
                                  ************     ************     ************     ************     ************
                                   TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                  11               35                2                7               66
            DISTILLATE OIL                   18              312              129                4               36
            NATURAL GAS                       4                0              165                8               32
            WOOD                           5370               56              423            11144            33123
            TOTAL (RESIDENTIAL)            5403              403              719            11163            33257

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                103              453              125                0               15
                POINT SOURCES                67               72               52                0               18
            RESIDUAL OIL
                AREA SOURCES                338             4226              973                6               89
                POINT SOURCES              1362             9348             1694               20              151
            DISTILLATE OIL
                AREA SOURCES                 26              368              277               10               64
                POINT SOURCES                 0               12                2                0                1
            NATURAL GAS
                AREA SOURCES                  5                0              817              231               99
                POINT SOURCES                 7               14              642                6               53
            PROCESS GAS
                POINT SOURCES                 0             2876                0                0                0
            WOOD
                POINT SOURCES              2789              161             1063             1062             2327
            TOTAL (INDUSTRIAL)
                AREA SOURCES                472             5047             2192              247              267
                POINT SOURCES              4225            12483             3453             1088             2550

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 53              146               31                0               19
            RESIDUAL OIL
                AREA SOURCES                 29              371               87                0                7
                POINT SOURCES                 0                5                1                0                0
            DISTILLATE OIL
                AREA SOURCES                  0               44               21                0                5
                POINT SOURCES                 7              191               64                1               16
            NATURAL GAS
                AREA SOURCES                  2                0              110                5               23
                POINT SOURCES                 5                1              209                5               47
            TOTAL (COMM-INST)
                AREA SOURCES                 84              561              249                5               54
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                4835             172             1221             6669            21118
                POINT SOURCES                317              86              174              653             3309

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            14310             866            18215            17169           155250
            LIGHT DUTY TRUCKS               5806             502            10035             8913            69479
            HEAVY DUTY VEHICLES             4230             502            16877            14542           234798
            OFF HIGHWAY                      128              64             1427             3793            47945
            TOTAL (GASOLINE)               24474            1934            46554            44417           507472

        DIESEL

            HEAVY DUTY VEHICLES             3932            2116            18909             2069             6232
            OFF HIGHWAY                      335             258             3128              478              945
            RAIL                             780            1773            11502             2793             4042
            TOTAL (DIESEL)                  5047            4147            33539             5340            11219

    AIRCRAFT

        MILITARY                             148               9               75              176              362
        CIVIL                                 10               5               65              201             4031
        COMMERCIAL                            17              38              410              364             1129
        TOTAL (AIRCRAFT)                     175              52              550              741             5522

    VESSELS

        DIESEL FUEL                           78              97              730              183              252
        GASOLINE                               0               7               57             1243             4432
        TOTAL (VESSELS)                       78             104              787             1426             4684

    TOTAL (TRANSPORTATION)                 29774            6237            81430            51924           528897

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        8737              72             2051             9868            71950
    STRUCTURAL FIRES                         532               0               46              395             2155
    GASOLINE STA EVAP LOSS                     0               0                0             7659                0
    SOLVENT EVAPORATION LOSS                   0               0                0            20295                0
    UNPAVED ROADS                         251656               0                0                0                0
    TOTAL (MISCELLANEOUS)                 260925              72             2097            38217            74105

GRAND TOTAL
***********

    AREA SOURCES                          315758           16530           121325           145042           749652

    POINT SOURCES                         125734         1125034           442661             8467           189759

    TOTAL                                 441492         1141564           563986           153509           939411
```

```
*** C09 ***                                                                                                   *** C09 ***
          COMMERCIAL                          0               0               3               3               8
          TOTAL (AIRCRAFT)                   21               1              18              43             368

     VESSELS

          DIESEL FUEL                        17              23             162              41              56
          GASOLINE                            0               1               9             203             724
          TOTAL (VESSELS)                    17              24             171             244             780

     TOTAL (TRANSPORTATION)                3104             468            5829            4641           48757

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                         6               0               1               6              52
     STRUCTURAL FIRES                        48               0               5              37             198
     GASOLINE STA EVAP LOSS                   0               0               0             786               0
     SOLVENT EVAPORATION LOSS                 0               0               0            2317               0
     UNPAVED ROADS                         7494               0               0               0               0
     TOTAL (MISCELLANEOUS)                 7548               0               6            3146             250

GRAND TOTAL
***********

     AREA SOURCES                         11482            1022            9925           10246           53782

     POINT SOURCES                        28861          399088          156282            3262           63966

     TOTAL                                40343          400110          166207           13508          117748
```

```
          TOTAL (COMM-INST)
                  AREA SOURCES                73            537            390             17            107

     TOTAL (EXTERNAL COMB)
                  AREA SOURCES               904           1044           5735           3042           5670
                  POINT SOURCES            25403         131281          85819            289           3043

   TOTAL (FUEL COMBUSTION)

                  AREA SOURCES               904           1044           5735           3042           5670
                  POINT SOURCES            25403         131281          85819            289           3043

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    474          14744              0             42              0
   PRIMARY METAL                             803              0              0              0           7073
   SECONDARY METALS                          365              3              0              0            489
   MINERAL PRODUCTS                         1127            278            446            107             34
   TOTAL (INDUSTRIAL)                       2769          15025            446            149           7596

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION                   15              0              0             44            131
       OPEN BURNING                          364             13             93            491           1559
       TOTAL (RESIDENTIAL)                   379             13             93            535           1690

   INDUSTRIAL

       ON SITE INCINERATION
                  POINT SOURCES               28             49             41            291            389
       TOTAL (INDUSTRIAL)
                  POINT SOURCES               28             49             41            291            389

   TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               379             13             93            535           1690
                  POINT SOURCES               28             49             41            291            389

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES              3391            173           3478           3424          32988
           LIGHT DUTY TRUCKS                1268             90           1757           1686          14055
           HEAVY DUTY VEHICLES               878             89           2905           2905          46383
           OFF HIGHWAY                        22             12            243            647           8177
           TOTAL (GASOLINE)                 5559            364           8383           8662         101603

       DIESEL

           HEAVY DUTY VEHICLES               919            447           4023            491           1494
           OFF HIGHWAY                        41             32            382             58            115
           RAIL                              128            292           1898            461            667
           TOTAL (DIESEL)                   1088            771           6303           1010           2276

   AIRCRAFT

       MILITARY                               25              2             13             30             62
       CIVIL                                   2              1             11             33            664
       COMMERCIAL                              5             13            131            116            362
```

```
SELECT CARD = <51    068                                                                                                  45>
```

```
*** C12 ***                                                                                      *** C12 ***
               AREA SOURCES                    10          0          2         12         31
               POINT SOURCES                    6          1          6         66        780

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES                   337         11         74        555       1705
               POINT SOURCES                   19          1          8         84        996

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              1744        106       2479       2439      22356
            LIGHT DUTY TRUCKS                 797         70       1531       1458      11516
            HEAVY DUTY VEHICLES               147         18        622        523       8469
            OFF HIGHWAY                        17          7        167        444       5610
            TOTAL (GASOLINE)                 2705        201       4799       4864      47951

        DIESEL

            HEAVY DUTY VEHICLES               348        189       1691        181        547
            OFF HIGHWAY                        77         60        720        111        219
            RAIL                               22         45        298         72        105
            TOTAL (DIESEL)                    447        294       2709        364        871

    AIRCRAFT

        CIVIL                                   0          0          8         23        479
        TOTAL (AIRCRAFT)                        0          0          8         23        479

    VESSELS

        DIESEL FUEL                             7          9         68         17         24
        GASOLINE                                0         21        122       2693       9594
        TOTAL (VESSELS)                         7         30        190       2710       9618

    TOTAL (TRANSPORTATION)                   3159        525       7706       7961      58919

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          287          0         68        325       2369
    STRUCTURAL FIRES                           45          0          1         34        181
    GASOLINE STA EVAP LOSS                      0          0          0        708          0
    SOLVENT EVAPORATION LOSS                    0          0          0       2448          0
    UNPAVED ROADS                           83188          0          0          0          0
    UNPAVED AIRSTRIPS                           2          0          0          0          0
    TOTAL (MISCELLANEOUS)                   83522          0         69       3515       2550

GRAND TOTAL
***********

    AREA SOURCES                            93575        932       9003      25625     103565

    POINT SOURCES                           11309      11942       5456       4020       1643

    TOTAL                                  104884      12874      14459      29645     105208
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                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN       AQCR:240 SOUTHERN WISCONSIN                    POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               58             671             420              16             116
            NATURAL GAS                  23               5             812              44             161
            WOOD                       2076              22             163            4306           12804
            TOTAL (RESIDENTIAL)        2157             698            1395            4366           13081

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             947           35543           33109             427            1625
            DISTILLATE OIL                0              24              11               0               4
            NATURAL GAS                   9              67             225               4              35
            TOTAL (ELEC GEN)            956           35634           33345             431            1664

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           481            2478             477              33              78
            RESIDUAL OIL
                POINT SOURCES            16              65              71               1               5
            DISTILLATE OIL
                POINT SOURCES             1             108              28               0               5
            NATURAL GAS
                AREA SOURCES             10               1             969             175             109
                POINT SOURCES             7               0             183               5              21
            WOOD
                POINT SOURCES            33               3              23               6               7
            OTHER
                POINT SOURCES             0               0               6               0               1
            TOTAL (INDUSTRIAL)
                AREA SOURCES             10               1             969             175             109
                POINT SOURCES           538            2654             788              45             117

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              1               5               2               0               0
            BITUMINOUS COAL
                POINT SOURCES           654            4207             510              55             167
            RESIDUAL OIL
                POINT SOURCES             7              94              25               1               2
            DISTILLATE OIL
                AREA SOURCES              9             122              84               1              23
                POINT SOURCES            13             116              44               1               8
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SELECT CARD = <52      243                                                                             45>
STATE 52 COUNTY 0360 NOT FOUND IN POINT FILE
STATE 52 COUNTY 0500 NOT FOUND IN POINT FILE
STATE 52 COUNTY 0680 NOT FOUND IN POINT FILE
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*** C15 ***                                                                                              *** C15 ***
          HEAVY DUTY VEHICLES              170          21          700          570         9259
          TOTAL (GASOLINE)                2225         164         3797         3508        33385

      DIESEL

          HEAVY DUTY VEHICLES                5           3           27            3            9
          TOTAL (DIESEL)                     5           3           27            3            9

    AIRCRAFT

      COMMERCIAL                            44         102         1060          940         2921
      TOTAL (AIRCRAFT)                      44         102         1060          940         2921

    VESSELS

      RESIDUAL OIL                           3          36            6            0            0
      TOTAL (VESSELS)                        3          36            6            0            0

    TOTAL (TRANSPORTATION)                2277         305         4890         4451        36315

MISCELLANEOUS (AREA)
********************

    GASOLINE STA EVAP LOSS                   0           0            0          661            0
    SOLVENT EVAPORATION LOSS                 0           0            0           33            0
    TOTAL (MISCELLANEOUS)                    0           0            0          694            0

GRAND TOTAL
***********

    AREA SOURCES                          2277         308         4891         5145        36315

    POINT SOURCES                         1625        4018         1650           11          167

    TOTAL                                 3902        4326         6541         5156        36482
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*** C16 ***                                                                                                            *** C16 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
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                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

AQCR EMISSIONS REPORT                                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:012 ARIZONA-NEW MEXICO-SOUTHERN BORDER                                    POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                  PARTICULATES           SOX               NOX                VOC                CO
                                  ************      ************      ************      ************      ************
                                   TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                   0                 1                 0                 0                 0
            NATURAL GAS                      3                 0               141                 8                27
            WOOD                           232                 2                18               481              1430
            TOTAL (RESIDENTIAL)            235                 3               159               489              1457

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                429               335             13067                44               373
            RESIDUAL OIL                     0                 0                18                 0                 1
            DISTILLATE OIL                   2                 7               350                 2                 2
            NATURAL GAS                      9                 0              1156                 4                55
            TOTAL (ELEC GEN)               440               342             14591                50               431

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                69               377               188                 1                24
                POINT SOURCES                1               193               129                18               149
            RESIDUAL OIL
                AREA SOURCES                17               187                50                 0                 5
                POINT SOURCES                6                78                16                 0                 1
            DISTILLATE OIL
                AREA SOURCES                 4                54                40                 1                10
                POINT SOURCES                0                18                 4                 0                 1
            NATURAL GAS
                AREA SOURCES                 1                 0               229                71                37
                POINT SOURCES                2                 0               558                 1                42
            TOTAL (INDUSTRIAL)
                AREA SOURCES                91               618               507                73                76
                POINT SOURCES                9               289               707                19               193

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES               65               181               216                 1                 6
            RESIDUAL OIL
                AREA SOURCES                 0                 3                 1                 0                 0
            DISTILLATE OIL
                AREA SOURCES                 0                 1                 0                 0                 0
            NATURAL GAS
                AREA SOURCES                 0                 0                21                 0                 4
                POINT SOURCES                0                 0               257                 1                19
            OTHER
        MILITARY                           43            3           22           50          103
        CIVIL                               3            2           17           50         1013
        COMMERCIAL                          8           18          191          171          529
        TOTAL (AIRCRAFT)                   54           23          230          271         1645

    VESSELS

        DIESEL FUEL                         0            0            4            2            2
        GASOLINE                            0            6           36          797         2838
        TOTAL (VESSELS)                     0            6           40          799         2840

    TOTAL (TRANSPORTATION)              12635         2608        30049        17012       151515

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     1219           12          285         1377        10042
    FOREST MANAGED BURNING                438            2           88          314         2454
    STRUCTURAL FIRES                       93            0            9           71          381
    GASOLINE STA EVAP LOSS                  0            0            0         1811            0
    SOLVENT EVAPORATION LOSS                0            0            0         7753            0
    UNPAVED ROADS                      120957            0            0            0            0
    TOTAL (MISCELLANEOUS)              122707           14          382        11326        12877

GRAND TOTAL
***********

    AREA SOURCES                       142158         4026        37783        43667       204958

    POINT SOURCES                        8451        11954         7691         6771         2193

    TOTAL                              150609        15980        45474        50438       207151
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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

AQCR EMISSIONS REPORT                                                        RUN DATE:   MONDAY  NOVEMBER 28, 1
*********************                                          AREA EMISSIONS AS OF:   TUESDAY NOVEMBER 22, 1
AQCR:042 HARTFORD-NEW HAVEN-SPRINGFIELD                        POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL           15            39             6            15           128
            BITUMINOUS COAL            3             7             0             1            11
            DISTILLATE OIL           464          5350          3344           131           930
            NATURAL GAS               48            10          1576            83           314
            WOOD                   14945           158          1180         31031         92229
            TOTAL (RESIDENTIAL)    15475          5564          6104         31261         93612

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          798           705           186             1            67
            RESIDUAL OIL            1179         31592         17861           200          1259
            DISTILLATE OIL             1            44            31             0             6
            NATURAL GAS                4             2          1686             5            69
            TOTAL (ELEC GEN)        1982         32343         19764           206          1401

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          32           308            77             0            10
                POINT SOURCES         41           242            89             1             7
            RESIDUAL OIL
                POINT SOURCES        695          9372          3635          7016           359
            DISTILLATE OIL
                AREA SOURCES          29           285           321            11            75
                POINT SOURCES         18           309           110          1353            19
            NATURAL GAS
                AREA SOURCES          11             2           668            30            65
                POINT SOURCES          7             2           878           622            89
            PROCESS GAS
                POINT SOURCES          1             0            13             0             1
            WOOD
                POINT SOURCES         62            12            76            16            16
            OTHER
                POINT SOURCES          0             1             9           332             1
            TOTAL (INDUSTRIAL)
                AREA SOURCES          72           595          1066            41           150
                POINT SOURCES        824          9938          4810          9340           492

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          84           280           100             0             6
        TOTAL (COMM-INST)
                AREA SOURCES                 76          19          38          49         119

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 44           5           5          41          70
        OPEN BURNING
                AREA SOURCES                 17           0           7          29         100
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 61           5          12          70         170

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1486          65         318        2411        7396
                POINT SOURCES               299           0         143         412        2402

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           28356         976       20506       27723      278972
            LIGHT DUTY TRUCKS              8891         470        8932       10839       94303
            HEAVY DUTY VEHICLES            1580         122        3705        4804       75752
            OFF HIGHWAY                      75          38         831        2206       27914
            TOTAL (GASOLINE)              38902        1606       33974       45572      476941

        DIESEL

            HEAVY DUTY VEHICLES            5253        2102       19294        2863        8873
            OFF HIGHWAY                    1214         954       11458        1749        3465
            RAIL                            662        1506        9761        2369        3430
            TOTAL (DIESEL)                 7129        4562       40513        6981       15768

    AIRCRAFT

        MILITARY                           1549         100         795        1822        3763
        CIVIL                                 7           3          43         139        2777
        COMMERCIAL                           16          37         384         341        1058
        TOTAL (AIRCRAFT)                   1572         140        1222        2302        7598

    VESSELS

        GASOLINE                              0           1          14         298        1055
        TOTAL (VESSELS)                       0           1          14         298        1055

    TOTAL (TRANSPORTATION)                47603        6309       75723       55153      501362

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                        324           0          28         238        1309
    GASOLINE STA EVAP LOSS                    0           0           0        7591           0
    SOLVENT EVAPORATION LOSS                  0           0           0       14872           0
    UNPAVED ROADS                        533084           0           0           0           0
    UNPAVED AIRSTRIPS                        58           0           0           0           0
    TOTAL (MISCELLANEOUS)                533466           0          28       22701        1309

GRAND TOTAL
***********

    AREA SOURCES                         586599       35209      146906      107438      528160

    POINT SOURCES                         30118       58614       56628        9060        4288
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                                                                                                  *** D02 ***
*** D02 ***
    FOREST WILDFIRES                  3280           29          772         3705        27003
    FOREST MANAGED BURNING            1518           12          304         1085         8502
    STRUCTURAL FIRES                    17            0            0           12           64
    GASOLINE STA EVAP LOSS               0            0            0          645            0
    SOLVENT EVAPORATION LOSS             0            0            0          665            0
    UNPAVED ROADS                   205288            0            0            0            0
    UNPAVED AIRSTRIPS                   12            0            0            0            0
    TOTAL (MISCELLANEOUS)           210115           41         1076         6112        35569

GRAND TOTAL
***********

    AREA SOURCES                    216069         1053         6446        17624       124212

    POINT SOURCES                      749        11757        22346          529         3236

    TOTAL                           216818        12810        28792        18153       127448
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:     MONDAY   NOVEMBER 28, 1983
****************************                                   AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:47 VERMONT         AQCR:159 CHAMPLAIN VALLEY            POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                           PARTICULATES          SOX            NOX            VOC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL            3              9              0              3             29
            DISTILLATE OIL            48            839            349             14             97
            NATURAL GAS                2              0             89              4             17
            WOOD                    2429             25            192           5042          14985
            TOTAL (RESIDENTIAL)     2482            873            630           5063          15128

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          183            261            114              5             14
            DISTILLATE OIL             0            169             10              0              0
            NATURAL GAS                1              9            270              2              5
            OTHER                    244             68            225             66             65
            TOTAL (ELEC GEN)         428            507            619             73             84

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           2             22             11              0              0
            BITUMINOUS COAL
                AREA SOURCES           5             42             10              0              1
            RESIDUAL OIL
                POINT SOURCES          0              3             47              0              4
            DISTILLATE OIL
                AREA SOURCES           4             66             50              1             12
                POINT SOURCES          2             51              5              0              1
            NATURAL GAS
                AREA SOURCES           0              0             55              0             13
            COKE
                AREA SOURCES          10             23              7              0              3
            WOOD
                POINT SOURCES         30              0              1              1              1
            TOTAL (INDUSTRIAL)
                AREA SOURCES          21            153            133              1             29
                POINT SOURCES         32             54             53              1              6

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          46            156             56              0              3
            RESIDUAL OIL
                AREA SOURCES          24            358             73              1              7
```

LIGHT DUTY VEHICLES	27916	865	17791	24789	263966
LIGHT DUTY TRUCKS	3761	163	3181	4213	39465
HEAVY DUTY VEHICLES	859	61	1851	2664	41603
OFF HIGHWAY	51	29	568	1509	19075
TOTAL (GASOLINE)	32587	1118	23391	33175	364109
DIESEL					
HEAVY DUTY VEHICLES	1795	697	6421	981	3047
OFF HIGHWAY	92	71	870	133	263
RAIL	237	538	3494	849	1228
TOTAL (DIESEL)	2124	1306	10785	1963	4538
AIRCRAFT					
MILITARY	613	40	314	720	1488
CIVIL	6	4	31	95	1883
COMMERCIAL	9	20	207	184	571
TOTAL (AIRCRAFT)	628	64	552	999	3942
VESSELS					
DIESEL FUEL	9	12	87	22	31
GASOLINE	0	1	5	121	432
TOTAL (VESSELS)	9	13	92	143	463
TOTAL (TRANSPORTATION)	35348	2501	34820	36280	373052
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	19	0	4	21	153
FOREST MANAGED BURNING	1	0	0	1	4
STRUCTURAL FIRES	31	0	2	23	124
GASOLINE STA EVAP LOSS	0	0	0	4915	0
SOLVENT EVAPORATION LOSS	0	0	0	10462	0
UNPAVED ROADS	10263	0	0	0	0
TOTAL (MISCELLANEOUS)	10314	0	6	15422	281
GRAND TOTAL ***********					
AREA SOURCES	46894	4020	37697	53770	379327
POINT SOURCES	33824	37273	21948	1847	1263
TOTAL	80718	41293	59645	55617	380590

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*** D05 ***                                                                                                  *** D05 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                            RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                               AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:48 VIRGINIA        AQCR:224 NORTHEASTERN VIRGINIA                     POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               22               63                2               10              112
            DISTILLATE OIL                37              475              266                6               73
            NATURAL GAS                    3                0              173                7               32
            WOOD                       11692              125              924            24273            72145
            TOTAL (RESIDENTIAL)        11754              663             1365            24296            72362

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               95            11272             8367               21              183
            DISTILLATE OIL                 3               87               48                0               10
            TOTAL (ELEC GEN)              98            11359             8415               21              193

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             239             1427              475                0               57
                POINT SOURCES              0                2                1                0                0
            RESIDUAL OIL
                POINT SOURCES            360             9110             1392                8              127
            DISTILLATE OIL
                POINT SOURCES              2               52               23                0                6
            NATURAL GAS
                AREA SOURCES               5                0             1168              329              144
            WOOD
                POINT SOURCES            629                8               81               92              215
            LIQUID PETROL GAS
                POINT SOURCES              0                0                3                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             244             1427             1643              329              201
                POINT SOURCES            991             9172             1500              100              348

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              16               54               20                0                2
            BITUMINOUS COAL
                AREA SOURCES             208              812              182                8              108
                POINT SOURCES             47              379               87                0               31
            RESIDUAL OIL
                POINT SOURCES             24              314               49                1                5
            DISTILLATE OIL
                POINT SOURCES              4               89               41                1               10
        DIESEL FUEL                         748          938          6987          1749          2446
        RESIDUAL OIL                        406         5341           879            51            29
        GASOLINE                              0           95           554         12251         43663
        TOTAL (VESSELS)                    1154         6374          8420         14051         46138

    TOTAL (TRANSPORTATION)               117681        18804        179333        165268       1482780

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       3425           31           806          3867         28207
    FOREST MANAGED BURNING                77884          583         15576         55686        436133
    AGRICULTURAL BURNING                   1705            0           242          1572         11331
    STRUCTURAL FIRES                        976            0            89           732          3965
    GASOLINE STA EVAP LOSS                    0            0             0         17366             0
    SOLVENT EVAPORATION LOSS                  0            0             0         51584             0
    UNPAVED ROADS                         21411            0             0             0             0
    UNPAVED AIRSTRIPS                       385            0             0             0             0
    TOTAL (MISCELLANEOUS)                105786          614         16713        130807        479636

GRAND TOTAL
***********

    AREA SOURCES                         256048        52612        220108        358418       2144498

    POINT SOURCES                        108105       135117        116522         30267        236459

    TOTAL                                364153       187729        336630        388685       2380957
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                POINT SOURCES                 12          197          274            6           63

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                5959         6011         3160        11415        33578
                POINT SOURCES               4237        12680         3727         1094         2613

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     5           56           45            1            0
            TOTAL (ELEC GEN)                   5           56           45            1            0

        ENGINE-TESTING

            TOTAL (ENG TESTNG)                 1            2            2            5            4

        TOTAL (INTERNAL COMB)                  6           58           47            6            4

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                5959         6011         3160        11415        33578
                POINT SOURCES               4243        12738         3774         1100         2617

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  3430         6633           21           17            0
    FOOD/AGRICULTURAL                         58            0            0            0            0
    PRIMARY METAL                           1137         4436            0            0        46492
    SECONDARY METALS                           5            2            3            0          350
    MINERAL PRODUCTS                         450         1263          483            3            2
    PETROLEUM INDUSTRY                      1421         2963         1015         4644         1440
    WOOD PRODUCTS                           3288         4054           88          465          832
    ORGANIC SOLVENT EVAPORATION                0            0            0           90            0
    PETROLEUM STORAGE/TRANSPORT                0            0            0         1104            0
    OTHER/NOT CLASSIFIED                      62            3           30            6            6
    TOTAL (INDUSTRIAL)                      9851        19354         1640         6329        49122

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                 0            0            0            0            1
        OPEN BURNING                          12            1          146            7           17
        TOTAL (GOVERNMENT)                    12            1          146            7           18

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                1051           16           32         2956         8871
        OPEN BURNING                        1012           38          259         1366         4334
        TOTAL (RESIDENTIAL)                 2063           54          291         4322        13205

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  23            5           11           14           33
                POINT SOURCES                 15           30           40           25          460
        TOTAL (COMM-INST)
                AREA SOURCES                  23            5           11           14           33
                POINT SOURCES                 15           30           40           25          460

    INDUSTRIAL

        ON SITE INCINERATION
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SELECT CARD = <50    103                                                    45>
SELECT CARD = <50    231                                                                                                 45>
STATE 50 COUNTY 1160 NOT FOUND IN POINT FILE
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         TOTAL (AIRCRAFT)                        32          16         155         179        1088

    VESSELS

         DIESEL FUEL                              8           9          70          17          24
         GASOLINE                                 0           1           7         165         589
         TOTAL (VESSELS)                          8          10          77         182         613

    TOTAL (TRANSPORTATION)                     6687        1161       14918       10033      105580

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           1411          13         332        1594       11621
    STRUCTURAL FIRES                             90           0           8          68         368
    GASOLINE STA EVAP LOSS                        0           0           0        1510           0
    SOLVENT EVAPORATION LOSS                      0           0           0        2996           0
    UNPAVED ROADS                             33055           0           0           0           0
    TOTAL (MISCELLANEOUS)                     34556          13         340        6168       11989

GRAND TOTAL
***********

    AREA SOURCES                              42526        2231       21086       19778      124929

    POINT SOURCES                             28200      146355       86306         729       11028

    TOTAL                                     70726      148586      107392       20507      135957
```

```
*** D11 ***                                                                                                               *** D11 ***
                                                  NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN      AQCR:068 METROPOLITAN DUBUQUE                            POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                    PARTICULATES          SOX               NOX               VOC                CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                     8                90                56                 2                16
            NATURAL GAS                        1                 0                33                 2                 7
            WOOD                             194                 2                15               402              1196
            TOTAL (RESIDENTIAL)              203                92               104               406              1219

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  351             31526             10384               112               370
            DISTILLATE OIL                     0                 4                 1                 0                 2
            TOTAL (ELEC GEN)                 351             31530             10385               112               372

        INDUSTRIAL FUEL

            NATURAL GAS
                AREA SOURCES                   1                 0                50                 9                 6
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   1                 0                50                 9                 6

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                120               106                29                 1                 3
            DISTILLATE OIL
                AREA SOURCES                   1                15                10                 0                 3
            NATURAL GAS
                AREA SOURCES                   1                 0                18                 1                 4
                POINT SOURCES                  0                 0                 7                 1                 1
            TOTAL (COMM-INST)
                AREA SOURCES                   2                15                28                 1                 7
                POINT SOURCES                120               106                36                 2                 4

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                 206               107               182               416              1232
                POINT SOURCES                471             31636             10421               114               376

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 206               107               182               416              1232
                POINT SOURCES                471             31636             10421               114               376

INDUSTRIAL PROCESS (POINT)
**************************
```

```
SELECT CARD = <51     237                                                                      65>
STATE 51 COUNTY 1980 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3880 NOT FOUND IN POINT FILE
```

```
            NATURAL GAS
                AREA SOURCES                 15                 2               463                23                 92
                POINT SOURCES                 6                 1               992                 8                 62
            TOTAL (COMM-INST)
                AREA SOURCES                 25               129               549                24                115
                POINT SOURCES               680              4418              1571                65                239

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               2192               828              2913              4565              13305
                POINT SOURCES              2174             42706             35704               541               2020

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    2                23                30                 2                  7
            NATURAL GAS                      15               146               226                18                 53
            TOTAL (ELEC GEN)                 17               169               256                20                 60

        TOTAL (INTERNAL COMB)                17               169               256                20                 60

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               2192               828              2913              4565              13305
                POINT SOURCES              2191             42875             35960               561               2080

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    0                 0               469                 0                  0
    FOOD/AGRICULTURAL                      1718                45                28                14                 57
    SECONDARY METALS                        151                89                47               311               1024
    MINERAL PRODUCTS                       1719                46                26                 7                  7
    WOOD PRODUCTS                            85                 0                 0                 0                  0
    ORGANIC SOLVENT EVAPORATION               0                 0                 6              3214                822
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0              2015                  0
    TEXTILE MANUFACTURING                     0                 0                 1                 0                  0
    TOTAL (INDUSTRIAL)                     3673               180               577              5561               1910

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               30                 3                 2                 2                 35
        TOTAL (GOVERNMENT)                   30                 3                 2                 2                 35

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                285                 3                 8               806               2417
        OPEN BURNING                        826                30               211              1113               3529
        TOTAL (RESIDENTIAL)                1111                33               219              1919               5946

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 72                21                33                42                 97
        OPEN BURNING
                AREA SOURCES                  2                 0                 1                 3                  9
        TOTAL (COMM-INST)
                AREA SOURCES                 74                21                34                45                106

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 20                 2                 2                19                 30
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
******************************                                         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:52 WYOMING        AQCR:243 WYOMING                              POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               280              584               57              188             1694
         DISTILLATE OIL                  0               22                9                0                1
         NATURAL GAS                     6                0              291               16               59
         WOOD                         1537               17              122             3194             9496
         TOTAL (RESIDENTIAL)          1823              623              479             3398            11250

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              2883            38602            58150              447             2659
         LIGNITE                      1742            47005            39114              196             1676
         DISTILLATE OIL                  0              279               66                0               14
         NATURAL GAS                     0                0               28                3                2
         TOTAL (ELEC GEN)             4625            85886            97358              643             4351

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             POINT SOURCES             474            24279            18391               47              690
         LIGNITE
             POINT SOURCES             568             1136              736               19             1624
         RESIDUAL OIL
             AREA SOURCES               18              184               49                0                4
             POINT SOURCES             176             2353              475               13              746
         DISTILLATE OIL
             AREA SOURCES              128             1925             1448               48              342
             POINT SOURCES               6              156               62                1               16
         NATURAL GAS
             AREA SOURCES               28                5            16352             6331             2200
             POINT SOURCES              22              128             2706               84             3182
         WOOD
             POINT SOURCES              70                7               49              132              108
         TOTAL (INDUSTRIAL)
             AREA SOURCES              174             2114            17849             6379             2546
             POINT SOURCES            1316            28059            22619              296             6366

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             AREA SOURCES               90              288               96                4               57
         RESIDUAL OIL
             AREA SOURCES                0                8                2                0                0
         DISTILLATE OIL
             AREA SOURCES                2               70               31                0                8
```

```
SELECT CARD = <      002                                                                   40>
STATE 01 COUNTY 0520 NOT FOUND IN POINT FILE
STATE 11 COUNTY 1000 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2620 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4260 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4520 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4780 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4860 NOT FOUND IN POINT FILE
STATE 11 COUNTY 5480 NOT FOUND IN POINT FILE
```

```
               POINT SOURCES              1                0                2                0                0
        TOTAL (COMM-INST)
               AREA SOURCES               0                4               22                0                4
               POINT SOURCES             66              181              475                2               25

      TOTAL (EXTERNAL COMB)
               AREA SOURCES             326              625              688              562             1537
               POINT SOURCES            515              812            15773               71              649

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   2                7              249                2                3
         NATURAL GAS                      7                0              204                6               57
         TOTAL (ELEC GEN)                 9                7              453                8               60

      INDUSTRIAL FUEL

         DISTILLATE OIL                   2                2               34                2                7
         NATURAL GAS                     28                6             3381              167              537
         TOTAL (INDUSTRIAL)              30                8             3415              169              544

      TOTAL (INTERNAL COMB)              39               15             3868              177              604

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES             326              625              688              562             1537
               POINT SOURCES            554              827            19641              248             1253

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               377             2728             1673               62              104
   FOOD/AGRICULTURAL                    198                0                0                0                0
   PRIMARY METAL                       3136           532059                0                0                0
   MINERAL PRODUCTS                    3202             3780              320               16              216
   PETROLEUM STORAGE/TRANSPORT            0                0                0               53                0
   TOTAL (INDUSTRIAL)                  6913           538567             1993              131              320

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              112                1                3              314              943
      OPEN BURNING                      135                5               34              182              579
      TOTAL (RESIDENTIAL)               247                6               37              496             1522

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
               AREA SOURCES               9                2                5                5               16
      OPEN BURNING
               AREA SOURCES               5                0                1               11               25
               POINT SOURCES              2                1                1                4               11
      TOTAL (COMM-INST)
               AREA SOURCES              14                2                6               16               41
               POINT SOURCES              2                1                1                4               11

   INDUSTRIAL

      ON SITE INCINERATION
               AREA SOURCES              21                3                3               19               30
      OPEN BURNING
               AREA SOURCES              15                0                6               24               85
```

```
SELECT CARD = <      018                                                   40>
```

```
*** D18 ***                                                                                                        *** D18 *
            BITUMINOUS COAL
                AREA SOURCES                5               31                 5                 0                 3
                POINT SOURCES             320              780               150                 1               120
            RESIDUAL OIL
                AREA SOURCES               77              586               225                 5                20
                POINT SOURCES             177             2404              1109                23               101
            DISTILLATE OIL
                AREA SOURCES               96             1370               951                15               239
                POINT SOURCES              10              715               276                 1                19
            NATURAL GAS
                AREA SOURCES               25                4               835                43               167
                POINT SOURCES               4                0               247                 3                47
            OTHER
                POINT SOURCES               0                0                 1                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES              287             2271              2116                63               435
                POINT SOURCES             511             3899              1783                28               287

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            15834             8430              9286             31365             94197
                POINT SOURCES            3317            46180             26357              9574              2180

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  0                1                 1                 0                 0
            OTHER                           3                3                41                 3                 9
            TOTAL (ELEC GEN)                3                4                42                 3                 9

        INDUSTRIAL FUEL

            DISTILLATE OIL                  2                5                34                 2                 7
            NATURAL GAS                     3                0                62                 1                24
            DIESEL FUEL                     4                2                65                 2                17
            TOTAL (INDUSTRIAL)              9                7               161                 5                48

        ENGINE-TESTING

            TOTAL (ENG TESTNG)            136              136               173               474               365

        TOTAL (INTERNAL COMB)             148              147               376               482               422

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            15834             8430              9286             31365             94197
                POINT SOURCES            3465            46327             26733             10056              2602
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                115                0                 0              1538                11
    FOOD/AGRICULTURAL                       2                0                 0                 0                 0
    SECONDARY METALS                      336               46                 6                22              1772
    MINERAL PRODUCTS                     1181              113                69                97                48
    PETROLEUM INDUSTRY                      0                0                 2                 0                 1
    WOOD PRODUCTS                           4                0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION             0                0                 0              8869                 0
    PETROLEUM STORAGE/TRANSPORT             0                0                 0              5925                 0
    METAL FABRICATION                      43                0                 0                 5                 0
    TEXTILE MANUFACTURING                   8                0                 0               734                 0
    OTHER/NOT CLASSIFIED                   23               86                89               504                13
    TOTAL (INDUSTRIAL)                   1712              245               166             17694              1845

SOLID WASTE DISPOSAL
********************
```

TOTAL	616717	93823	203534	116498	532448

```
SELECT CARD = <46     219                                                                      45>
STATE 46 COUNTY 0040 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0200 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0380 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0560 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0740 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0820 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0980 NOT FOUND IN POINT FILE
STATE 46 COUNTY 1260 NOT FOUND IN POINT FILE
```

```
                POINT SOURCES              1              70              12               0               1
            DISTILLATE OIL
                AREA SOURCES              10             237             110               1              28
            NATURAL GAS
                AREA SOURCES               1               0              25               1               5
            TOTAL (COMM-INST)
                AREA SOURCES              81             751             264               3              43
                POINT SOURCES              1              70              12               0               1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            2584            1777            1027            5067           15200
                POINT SOURCES            461             631             684              74              91

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            2584            1777            1027            5067           15200
                POINT SOURCES            461             631             684              74              91

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                       4               0               0               0               0
    ORGANIC SOLVENT EVAPORATION            0               0               0            1677               0
    TOTAL (INDUSTRIAL)                     4               0               0            1677               0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             133               2               5             375            1123
        OPEN BURNING                     623              22             160             840            2663
        TOTAL (RESIDENTIAL)              756              24             165            1215            3786

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              33              10              15              19              44
        TOTAL (COMM-INST)
                AREA SOURCES              33              10              15              19              44

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               3               0               0               3               6
        TOTAL (INDUSTRIAL)
                AREA SOURCES               3               0               0               3               6

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             792              34             180            1237            3836

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         3603             159            3318            3578           37369
            LIGHT DUTY TRUCKS            980              62            1285            1385           12435
            HEAVY DUTY VEHICLES          220              21             697             752           11901
            OFF HIGHWAY                   22              12             255             679            8588
            TOTAL (GASOLINE)            4825             254            5555            6394           70293

        DIESEL
```

```
SELECT CARD = <48    207                                                                                        45>
STATE 48 COUNTY 0420 NOT FOUND IN POINT FILE
STATE 48 COUNTY 0940 NOT FOUND IN POINT FILE
```

```
*** E05 ***                                                                                                                  *** E05 ***
            NATURAL GAS
                AREA SOURCES                  2                 0               124                 3                23
                POINT SOURCES                 1                 0                17                 0                 4
            TOTAL (COMM-INST)
                AREA SOURCES                226               866               326                11               133
                POINT SOURCES                76               782               194                 2                50

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              12224              2956              3334             24636             72696
                POINT SOURCES              1165             21313             10109               123               591

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    7                 7                98                 7                21
            TOTAL (ELEC GEN)                  7                 7                98                 7                21

        TOTAL (INTERNAL COMB)                 7                 7                98                 7                21

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              12224              2956              3334             24636             72696
                POINT SOURCES              1172             21320             10207               130               612

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    9                 0                 0                71                 0
    FOOD/AGRICULTURAL                       219                 2                 0                 0                 1
    MINERAL PRODUCTS                       2059                 8                23                13                 5
    WOOD PRODUCTS                          1996              1440               357                 0              9475
    ORGANIC SOLVENT EVAPORATION             170                 0                 0               232                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0                44                 0
    TOTAL (INDUSTRIAL)                     4453              1450               380               360              9481

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                8                 1                 1                 8                10
        OPEN BURNING                         11                 1                 4                21                60
        TOTAL (GOVERNMENT)                   19                 2                 5                29                70

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 22                 0                 0                68               224
        OPEN BURNING                       1268                47               324              1712              5421
        TOTAL (RESIDENTIAL)                1290                47               324              1780              5645

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 24                 5                11                14                46
                POINT SOURCES                 1                 0                 0                 0                 1
        TOTAL (COMM-INST)
                AREA SOURCES                 24                 5                11                14                46
                POINT SOURCES                 1                 0                 0                 0                 1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 30                 1                 1                29                56
                POINT SOURCES                17                 0                 3                27               310
        OPEN BURNING
```

```
SELECT CARD = <49     062                                                                         45>
STATE 49 COUNTY 0440 NOT FOUND IN POINT FILE
```

```
                AREA SOURCES                  9          0          0          9          18
                POINT SOURCES               354         14         35        184        2589
        OPEN BURNING
                AREA SOURCES                 10          0          5         15          50
                POINT SOURCES                 2          0          0          2          14
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 19          0          5         24          68
                POINT SOURCES               356         14         35        186        2603

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               2105         59        307       4360       13306
                POINT SOURCES               383         45        221        218        3081

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            7178        352       8170       9741       90524
            LIGHT DUTY TRUCKS              3338        224       4838       5545       45838
            HEAVY DUTY VEHICLES             224         23        724        735       11708
            OFF HIGHWAY                      28         15        304        808       10215
            TOTAL (GASOLINE)              10768        614      14036      16829      158285

        DIESEL

            HEAVY DUTY VEHICLES            1525        739       6668        816        2481
            OFF HIGHWAY                     289        227       2717        413         822
            RAIL                            115        259       1676        406         588
            TOTAL (DIESEL)                 1929       1225      11061       1635        3891

    AIRCRAFT

        MILITARY                            470         31        241        554        1142
        CIVIL                                 9          7         42        131        2653
        COMMERCIAL                            0          1          7          6          19
        TOTAL (AIRCRAFT)                    479         39        290        691        3814

    VESSELS

        DIESEL FUEL                         218        271       2029        509         709
        RESIDUAL OIL                        103       1345        222         12           7
        GASOLINE                              0         36        205       4532       16154
        TOTAL (VESSELS)                     321       1652       2456       5053       16870

    TOTAL (TRANSPORTATION)                13497       3530      27843      24208      182860

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        528          6        126        597        4359
    FOREST MANAGED BURNING                41788        314       8357      29879      234007
    STRUCTURAL FIRES                        110          0         10         81         445
    GASOLINE STA EVAP LOSS                    0          0          0       2251           0
    SOLVENT EVAPORATION LOSS                  0          0          0       6565           0
    UNPAVED ROADS                           781          0          0          0           0
    UNPAVED AIRSTRIPS                        40          0          0          0           0
    TOTAL (MISCELLANEOUS)                 43247        320       8493      39373      238811

GRAND TOTAL
***********

    AREA SOURCES                          64808       9920      39803      79356      468555
```

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                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                            AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-       POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             56             230             12             37            335
            DISTILLATE OIL               1              19             11              0              3
            NATURAL GAS                  8               1            253             13             51
            WOOD                       544               5             43           1128           3353
            TOTAL (RESIDENTIAL)        609             255            319           1178           3742

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          33246           75968          53466            178           1528
            DISTILLATE OIL               0             135             37              0              8
            TOTAL (ELEC GEN)         33246           76103          53503            178           1536

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           45             708            284             19             38
            DISTILLATE OIL
                AREA SOURCES            14             141            159              5             37
                POINT SOURCES           25             102            118              3             15
            NATURAL GAS
                AREA SOURCES            18               4           5164           1643            627
                POINT SOURCES            6               1            289              5             72
            TOTAL (INDUSTRIAL)
                AREA SOURCES            32             145           5323           1648            664
                POINT SOURCES           76             811            691             27            125

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             3              12              4              0              0
            BITUMINOUS COAL
                AREA SOURCES            26             213             35              1             21
            DISTILLATE OIL
                AREA SOURCES             2              44             31              0              8
            NATURAL GAS
                AREA SOURCES             3               1            126              7             25
                POINT SOURCES            0               0              2              0              1
            TOTAL (COMM-INST)
                AREA SOURCES            34             270            196              8             54
                POINT SOURCES            0               0              2              0              1

        TOTAL (EXTERNAL COMB)
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:231 ALLEGHENY                         POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                         PARTICULATES          SOX           NOX           VOC            CO
                                         ************  ************  ************  ************  ************
                                          TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                       157           655            31           105           950
            DISTILLATE OIL                         15           188           119             3            33
            NATURAL GAS                             3             0            99             5            18
            WOOD                                 7884            83           625         16372         48660
            TOTAL (RESIDENTIAL)                  8059           926           874         16485         49661

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                      1525         90154         26969            90           771
            DISTILLATE OIL                          0           283           235             2            49
            TOTAL (ELEC GEN)                     1525         90437         27204            92           820

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                     348           104            81             0            30
            RESIDUAL OIL
                POINT SOURCES                       9           119            41             0             4
            DISTILLATE OIL
                AREA SOURCES                        8            82            95             2            23
            NATURAL GAS
                AREA SOURCES                        2             0           757           241            93
            WOOD
                POINT SOURCES                     124             2            32            37            86
            TOTAL (INDUSTRIAL)
                AREA SOURCES                       10            82           852           243           116
                POINT SOURCES                     481           225           154            37           120

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                        2             8             2             0             0
            BITUMINOUS COAL
                AREA SOURCES                       20           161            27             0            15
                POINT SOURCES                     174           102            40             0            15
            RESIDUAL OIL
                POINT SOURCES                      22           288            47             1             5
            DISTILLATE OIL
                AREA SOURCES                        4            57            39             0             8
                POINT SOURCES                       0             1             1             0             0
            NATURAL GAS
                AREA SOURCES                        2             0            75             2            15
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SELECT CARD = <50    235                                                                  45>
STATE 50 COUNTY 1840 NOT FOUND IN POINT FILE
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*** E11 ***                                                                                                   *** E11 ***
    MINERAL PRODUCTS                    121            1             0             1             0
    ORGANIC SOLVENT EVAPORATION           0            0             1           186             0
    TOTAL (INDUSTRIAL)                  121            1             1           187             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             24            0             1            67           201
        OPEN BURNING                     69            3            18            93           294
        TOTAL (RESIDENTIAL)              93            3            19           160           495

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              6            2             3             4             8
        TOTAL (COMM-INST)
                AREA SOURCES              6            2             3             4             8

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              1            0             0             1             2
        OPEN BURNING
                AREA SOURCES              2            0             1             3            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES              3            0             1             4            12

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            102            5            23           168           515

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         592           35           792           780          7298
            LIGHT DUTY TRUCKS           264           21           447           439          3606
            HEAVY DUTY VEHICLES          66            8           260           231          3716
            OFF HIGHWAY                   3            1            29            77           972
            TOTAL (GASOLINE)            925           65          1528          1527         15592

        DIESEL

            HEAVY DUTY VEHICLES          94           50           448            49           168
            OFF HIGHWAY                  46           36           429            65           130
            RAIL                          6           14            89            22            31
            TOTAL (DIESEL)              146          100           966           136           309

    AIRCRAFT

        CIVIL                             1            0             3            10           210
        TOTAL (AIRCRAFT)                  1            0             3            10           210

    VESSELS

        GASOLINE                          0            3            17           367          1307
        TOTAL (VESSELS)                   0            3            17           367          1307

    TOTAL (TRANSPORTATION)             1072          168          2514          2040         17418

MISCELLANEOUS (AREA)
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN       AQCR:237 LAKE MICHIGAN                      POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                           PARTICULATES          SOX             NOX             VOC              CO
                           ************      ************    ************    ************    ************
                            TONS / YR         TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              83             943             589              22             164
            NATURAL GAS                 39               7            1332              71             266
            WOOD                      5622              58             444           11669           34684
            TOTAL (RESIDENTIAL)       5744            1008            2365           11762           35114

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           7595           92945           20639             317            1034
            RESIDUAL OIL                 0               6               3               0               0
            DISTILLATE OIL               0              14               8               0               0
            TOTAL (ELEC GEN)          7595           92965           20650             317            1034

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         6420           50837           15519             299            1200
            RESIDUAL OIL
                POINT SOURCES          215            4231             694              12              51
            DISTILLATE OIL
                POINT SOURCES            9             212              84               1              19
            NATURAL GAS
                AREA SOURCES            33               5            3299             592             369
                POINT SOURCES           31               6            2300              25             214
            WOOD
                POINT SOURCES          919             106             850             314             381
            LIQUID PETROL GAS
                POINT SOURCES            0               0               7               0               2
            OTHER
                POINT SOURCES          112           16386             694               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            33               5            3299             592             369
                POINT SOURCES         7706           71778           20148             651            1867

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             0               8               1               0               0
            BITUMINOUS COAL
                POINT SOURCES            4               9               2               0               2
            DISTILLATE OIL
                AREA SOURCES             9             174             123               0              31
            NATURAL GAS
```

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                POINT SOURCES                 10                 2                17                 3                38
        OPEN BURNING
                AREA SOURCES                  18                 0                 8                29               100
                POINT SOURCES                177                 0                42               251              1461
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  38                 2                10                48               130
                POINT SOURCES                187                 2                59               254              1499

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1223                56               263              2012              6182
                POINT SOURCES                217                 5                61               256              1534

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             8920               395              8836             10187            103169
            LIGHT DUTY TRUCKS               2526               163              3466              3870             33838
            HEAVY DUTY VEHICLES              735                69              2282              2466             39094
            OFF HIGHWAY                       34                15               358               951             12044
            TOTAL (GASOLINE)               12215               642             14942             17474            188145

        DIESEL

            HEAVY DUTY VEHICLES             1644               786              7096               879              2680
            OFF HIGHWAY                      324               254              3049               464               922
            RAIL                              74               169              1091               264               383
            TOTAL (DIESEL)                  2042              1209             11236              1607              3985

    AIRCRAFT

        MILITARY                              67                 4                34                79               163
        CIVIL                                  7                 3                31                95              1917
        COMMERCIAL                             5                12               127               113               351
        TOTAL (AIRCRAFT)                      79                19               192               287              2431

    VESSELS

        GASOLINE                               0                 7                48              1061              3780
        TOTAL (VESSELS)                        0                 7                48              1061              3780

    TOTAL (TRANSPORTATION)             14336              1877             26418             20429            198341
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     353                 3                83               399              2902
    STRUCTURAL FIRES                     167                 0                16               125               673
    GASOLINE STA EVAP LOSS                 0                 0                 0              2806                 0
    SOLVENT EVAPORATION LOSS               0                 0                 0              9546                 0
    UNPAVED ROADS                      47688                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)              48208                 3                99             12876              3575

GRAND TOTAL
***********

    AREA SOURCES                       65959              2764             29693             39882            221403

    POINT SOURCES                       6081             43060             36598              6378              5524

    TOTAL                              72040             45824             66291             46260            226927
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            NATURAL GAS
                AREA SOURCES                   1                 0                71                 3                12
            TOTAL (COMM-INST)
                AREA SOURCES                  93               366               200                 7                77

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                2090              3103             18528              9784             13873
                POINT SOURCES               5941            113945            119777               939             10717

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                       30                 1              9334               398              1235
            TOTAL (INDUSTRIAL)                30                 1              9334               398              1235

        TOTAL (INTERNAL COMB)                 30                 1              9334               398              1235

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                2090              3103             18528              9784             13873
                POINT SOURCES               5971            113946            129111              1337             11952

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  4753              1262               500                 0                 2
    FOOD/AGRICULTURAL                        106               257                37                 0                 3
    PRIMARY METAL                            115              1276                 1               165                66
    MINERAL PRODUCTS                       15337               508                58                 9                 2
    PETROLEUM INDUSTRY                       389              6992              1117              4368              8071
    PETROLEUM STORAGE/TRANSPORT                0                 0                 0              1102                 0
    TOTAL (INDUSTRIAL)                     20700             10295              1713              5644              8144

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 108                 0                 1               304               926
        OPEN BURNING                         346                12                91               465              1473
        TOTAL (RESIDENTIAL)                  454                12                92               769              2397

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  27                 7                12                16                42
        TOTAL (COMM-INST)
                AREA SOURCES                  27                 7                12                16                42

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  12                 0                 0                12                24
                POINT SOURCES                384                 7                99               753              8537
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  12                 0                 0                12                24
                POINT SOURCES                384                 7                99               753              8537

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 493                19               104               797              2463
                POINT SOURCES                384                 7                99               753              8537

TRANSPORTATION (AREA)
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

AQCR EMISSIONS REPORT                                                                  RUN DATE:    MONDAY  NOVEMBER 28, 1983
*************************                                                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:002 COLUMBUS-PHENIX CITY                                             POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                 PARTICULATES        SOX             NOX             VOC             CO
                                 ************   ************    ************    ************    ************
                                  TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                74            279              14              49             432
            DISTILLATE OIL                  0             12               5               0               1
            NATURAL GAS                    19              2             713              36             142
            WOOD                         4508             47             355            9356           27814
            TOTAL (RESIDENTIAL)          4601            340            1087            9441           28389

        ELEC GENERATION (POINT)

            OTHER                         393             27             364             181             397
            TOTAL (ELEC GEN)              393             27             364             181             397

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              490           4703             919               2             118
                POINT SOURCES              70            515             247               1               9
            RESIDUAL OIL
                POINT SOURCES             106           1608             209               1              19
            DISTILLATE OIL
                POINT SOURCES              35            219              16               0               2
            NATURAL GAS
                AREA SOURCES               17              3            5347            1862             696
                POINT SOURCES              39             25            1572              14             115
            WOOD
                POINT SOURCES            1156            279             263             262             606
            TOTAL (INDUSTRIAL)
                AREA SOURCES              507           4706            6266            1864             814
                POINT SOURCES            1406           2646            2307             278             751

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                4             17               5               0               0
            BITUMINOUS COAL
                AREA SOURCES               23            143              18               1              10
            RESIDUAL OIL
                POINT SOURCES               0              1               2               0               0
            DISTILLATE OIL
                AREA SOURCES                7            133              94               1              23
                POINT SOURCES               3             22              30               1               8
            NATURAL GAS
                AREA SOURCES                6              1             283              12              55
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          POINT SOURCES                  0            0            0            1             2
     TOTAL (INDUSTRIAL)
          AREA SOURCES                  36            3            9           43           115
          POINT SOURCES                  0            0            0            1             2

   TOTAL (SOLID WASTE DISP)
          AREA SOURCES                 297           11           52          555          1678
          POINT SOURCES                  2            1            1            5            13

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES           3490          142         2389         4809         57198
        LIGHT DUTY TRUCKS             1901          104         1604         2849         33804
        HEAVY DUTY VEHICLES            126           11          299          443          7872
        OFF HIGHWAY                      9            3           91          240          3033
        TOTAL (GASOLINE)              5526          260         4383         8341        101907

     DIESEL

        HEAVY DUTY VEHICLES            513          232         1638          407          1086
        OFF HIGHWAY                    157          124         1487          227           449
        RAIL                            75          170         1103          267           388
        TOTAL (DIESEL)                 745          526         4228          901          1923

   AIRCRAFT

     MILITARY                          106            7           53          122           252
     CIVIL                               0            0           10           29           563
     TOTAL (AIRCRAFT)                  104            7           63          151           815

   VESSELS

     GASOLINE                            0            3           16          342          1218
     TOTAL (VESSELS)                     0            3           16          342          1218

   TOTAL (TRANSPORTATION)             6375          796         8690         9735        105863

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    274            2           64          308          2250
   STRUCTURAL FIRES                     39            0            3           28           156
   GASOLINE STA EVAP LOSS                0            0            0          926             0
   SOLVENT EVAPORATION LOSS              0            0            0         1212             0
   UNPAVED ROADS                     96564            0            0            0             0
   UNPAVED AIRSTRIPS                   205            0            0            0             0
   TOTAL (MISCELLANEOUS)             97082            2           67         2474          2406

GRAND TOTAL
***********

   AREA SOURCES                     104080         1434         9497        13326        111484

   POINT SOURCES                      7469       539395        21635          384          1586

   TOTAL                            111549       540829        31132        13710        113070
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                                                  NATIONAL EMISSIONS DATA SYSTEM
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                                                  ENVIRONMENTAL PROTECTION AGENCY
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AQCR EMISSIONS REPORT                                                                      RUN DATE:    MONDAY   NOVEMBER 28, 1983
****************************                                                   AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
AQCR:018 METROPOLITAN MEMPHIS                                                 POINT EMISSIONS AS OF:    MONDAY          JULY 11, 1983

                                    PARTICULATES          SOX              NOX                VOC              CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    1                 3                 0                 1                 5
            DISTILLATE OIL                     0                 6                 4                 0                 1
            NATURAL GAS                       23                 4               749                40               150
            WOOD                             558                 6                44              1160              3447
            TOTAL (RESIDENTIAL)              582                19               797              1201              3603

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 1894             76990             31483              2680              1382
            DISTILLATE OIL                     0                11                 3                 0                 1
            TOTAL (ELEC GEN)                1894             77001             31486              2680              1383

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 720              4150              1354                 5               174
            RESIDUAL OIL
                POINT SOURCES                117              1132               208                12                 8
            DISTILLATE OIL
                AREA SOURCES                   2                19                22                 0                 5
                POINT SOURCES                 24               489               110                 5                12
            NATURAL GAS
                AREA SOURCES                  25                 5              8437              2979              1105
                POINT SOURCES                 77                 2              2681               148                58
            PROCESS GAS
                POINT SOURCES                  0                 9                 4                 0                 1
            WOOD
                POINT SOURCES                350                40               275                60                59
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 747              4174              9813              2984              1284
                POINT SOURCES                568              1672              3278               225               138

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  31               104                37                 0                 2
            RESIDUAL OIL
                AREA SOURCES                  16               247                45                 1                 4
            DISTILLATE OIL
                AREA SOURCES                   1                10                 7                 0                 2
                POINT SOURCES                 36               905               359                 6                90
            NATURAL GAS
    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             365            76            92            46          1066
        OTHER INCINERATION                 657            51           266            44             0
        TOTAL (GOVERNMENT)                1022           127           358            90          1066

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              1515            24            47          4262         12786
        OPEN BURNING                      2765           104           708          3729         11831
        TOTAL (RESIDENTIAL)               4280           128           755          7991         24617

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                77            23            36            44           105
                POINT SOURCES                4             2             2             2             6
        OPEN BURNING
                AREA SOURCES                 1             0             0             2             4
        TOTAL (COMM-INST)
                AREA SOURCES                78            23            36            46           109
                POINT SOURCES                4             2             2             2             6

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 9             2             2             8            12
                POINT SOURCES              111            49           133            48           150
        OPEN BURNING
                AREA SOURCES                 9             0             3            16            55
        TOTAL (INDUSTRIAL)
                AREA SOURCES                18             2             5            24            67
                POINT SOURCES              111            49           133            48           150

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              4376           153           796          8061         24793
                POINT SOURCES             1137           178           493           140          1222

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          50031          1684         37673         52395        555141
            LIGHT DUTY TRUCKS             6979           324          6643          8928         86146
            HEAVY DUTY VEHICLES           1613           121          3714          5138         80165
            OFF HIGHWAY                    124            67          1379          3665         46335
            TOTAL (GASOLINE)             58747          2196         49409         70126        765787

        DIESEL

            HEAVY DUTY VEHICLES           4030          1617         14854          2196          6800
            OFF HIGHWAY                    228           177          2142           326           647
            RAIL                            16            36           235            57            84
            TOTAL (DIESEL)                4274          1830         17231          2579          7531

    AIRCRAFT

        MILITARY                           245            16           126           289           596
        CIVIL                                9             5            41           128          2552
        COMMERCIAL                          31            70           727           645          2002
        TOTAL (AIRCRAFT)                   285            91           894          1062          5150

    VESSELS
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SELECT CARD = <45    218                                                                                      45>
STATE 45 COUNTY 0480 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1110 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2080 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3330 NOT FOUND IN POINT FILE
STATE 45 COUNTY 3580 NOT FOUND IN POINT FILE
STATE 45 COUNTY 4960 NOT FOUND IN POINT FILE
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*** F02 ***                                                                                            *** F02 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                  AREA EMISSIONS AS OF:  TUESDAY   NOVEMBER 22, 1983
STATE:46 UTAH          AQCR:219 UTAH                        POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                           PARTICULATES          SOX            NOX            VOC             CO
                           ************     ************   ************   ************   ************
                            TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          286           1165             57            190           1710
            DISTILLATE OIL             1             43             19              0              6
            NATURAL GAS               11              1            362             16             71
            WOOD                    1263             14             99           2625           7798
            TOTAL (RESIDENTIAL)     1561           1223            537           2831           9585

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          622           2977           3623             60            200
            DISTILLATE OIL             0              2              2              0              1
            TOTAL (ELEC GEN)         622           2979           3625             60            201

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         245           1230            339              0             43
            RESIDUAL OIL
                AREA SOURCES           1             15              4              0              0
                POINT SOURCES         30            655            183              2             17
            DISTILLATE OIL
                AREA SOURCES          11            154            113              3             26
                POINT SOURCES          2             14              4              0              1
            NATURAL GAS
                AREA SOURCES           1              0            688            251             93
                POINT SOURCES          4              0             51              4              7
            TOTAL (INDUSTRIAL)
                AREA SOURCES         258           1399           1144            254            162
                POINT SOURCES         36            669            238              6             25

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          55            195             34              0             19
            TOTAL (COMM-INST)
                AREA SOURCES          55            195             34              0             19

        TOTAL (EXTERNAL COMB)
                AREA SOURCES        1874           2817           1715           3085           9766
                POINT SOURCES        658           3648           3863             66            226

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES        1874           2817           1715           3085           9766
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*** F03 ***                                                                                                   *** F03 ***
            HEAVY DUTY VEHICLES             579           269          2428           310           949
            OFF HIGHWAY                     122            96          1152           175           348
            RAIL                              5             8            55            13            21
            TOTAL (DIESEL)                  706           373          3635           498          1318

    AIRCRAFT

        MILITARY                             69             4            35            81           167
        CIVIL                                 1             1             9            29           593
        COMMERCIAL                            5            11           111            99           307
        TOTAL (AIRCRAFT)                     75            16           155           209          1067

    VESSELS

        DIESEL FUEL                           3             4            29             7            11
        GASOLINE                              0             7            40           867          3090
        TOTAL (VESSELS)                       3            11            69           874          3101

    TOTAL (TRANSPORTATION)                 5609           654          9414          7975         75779

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         26             0             5            29           211
    AGRICULTURAL BURNING                      2             0             0             2            12
    STRUCTURAL FIRES                         60             0             6            45           245
    GASOLINE STA EVAP LOSS                    0             0             0           902             0
    SOLVENT EVAPORATION LOSS                  0             0             0          3020             0
    UNPAVED ROADS                         24522             0             0             0             0
    UNPAVED AIRSTRIPS                         6             0             0             0             0
    TOTAL (MISCELLANEOUS)                 24616             0            11          3998           468

GRAND TOTAL
***********

    AREA SOURCES                          33601          2465         10632         18277         95283

    POINT SOURCES                           465           631           684          1751            91

    TOTAL                                 34066          3096         11316         20028         95374
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*** F04 ***                                                                                                                                 *** F04 ***

                                                      NATIONAL EMISSIONS DATA SYSTEM
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                                                      ENVIRONMENTAL PROTECTION AGENCY
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STATE/AQCR EMISSIONS REPORT                                                                              RUN DATE:     MONDAY  NOVEMBER 28, 1983
*******************************                                                              AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:48 VIRGINIA          AQCR:207 EASTERN TENNESSEE-SOUTHWESTERN                          POINT EMISSIONS AS OF:     MONDAY        JULY 11, 1983

                                        PARTICULATES             SOX                 NOX                 VOC                  CO
                                        ************        ************        ************        ************        ************
                                         TONS / YR           TONS / YR           TONS / YR           TONS / YR           TONS / YR

FUEL COMBUSTION
****************

     EXTERNAL COMBUSTION

         RESIDENTIAL FUEL (AREA)

             ANTHRACITE COAL                      13                  43                   4                  13                 135
             BITUMINOUS COAL                     779                2417                 157                 522                4682
             DISTILLATE OIL                       23                 264                 167                   6                  47
             NATURAL GAS                           0                   0                  55                   1                  10
             WOOD                               2365                  25                 186                4911               14598
             TOTAL (RESIDENTIAL)                3180                2749                 569                5453               19472

         ELEC GENERATION (POINT)

             BITUMINOUS COAL                     516               23084               15936                  53                 455
             DISTILLATE OIL                        0                  30                   4                   0                   1
             TOTAL (ELEC GEN)                    516               23114               15940                  53                 456

         INDUSTRIAL FUEL

             BITUMINOUS COAL
                  AREA SOURCES                   156                 931                 308                   0                  38
                  POINT SOURCES                   86                 177                  51                   0                  28
             RESIDUAL OIL
                  POINT SOURCES                   21                 121                  28                   0                   2
             DISTILLATE OIL
                  POINT SOURCES                    0                  42                   8                   0                   1
             NATURAL GAS
                  AREA SOURCES                     3                   0                 838                 236                 103
                  POINT SOURCES                    0                   0                  19                   0                   4
             WOOD
                  POINT SOURCES                  197                   4                  59                  67                 157
             TOTAL (INDUSTRIAL)
                  AREA SOURCES                   159                 931                1146                 236                 141
                  POINT SOURCES                  304                 344                 165                  67                 192

         COMM-INSTITUTIONAL FUEL

             NATURAL GAS
                  AREA SOURCES                     1                   0                  68                   3                  12
                  POINT SOURCES                    0                   0                   1                   0                   0
             TOTAL (COMM-INST)
                  AREA SOURCES                     1                   0                  68                   3                  12
                  POINT SOURCES                    0                   0                   1                   0                   0

         TOTAL (EXTERNAL COMB)
                  AREA SOURCES                  3340                3680                1783                5692               19625
                  POINT SOURCES                  820               23458               16106                 120                 648
```

```
*** F05 ***                                                                                        *** F05 ***
            AREA SOURCES                     6          0          3          9         30
      TOTAL (INDUSTRIAL)
            AREA SOURCES                    36          1          4         38         86
            POINT SOURCES                   17          0          3         27        310

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                  1350         53        339       1832       5777
            POINT SOURCES                   37          2          8         56        381

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              5135        441       9804       8664      69201
         LIGHT DUTY TRUCKS                1650        191       3911       3284      22970
         HEAVY DUTY VEHICLES               400         61       2047       1458      23976
         OFF HIGHWAY                        33         16        360        973      12282
         TOTAL (GASOLINE)                 7218        709      16122      14379     128429

      DIESEL

         HEAVY DUTY VEHICLES               894        548       4877        463       1361
         OFF HIGHWAY                        97         76        913        141        275
         RAIL                              108        242       1561        376        549
         TOTAL (DIESEL)                   1099        866       7351        980       2185

   AIRCRAFT

      MILITARY                             134          9         69        158        326
      CIVIL                                  5          2         30         97       1964
      TOTAL (AIRCRAFT)                     139         11         99        255       2290

   VESSELS

      DIESEL FUEL                            9         12         87         21         30
      GASOLINE                               0         25        154       3356      11957
      TOTAL (VESSELS)                        9         37        241       3377      11987

   TOTAL (TRANSPORTATION)                 8465       1623      23813      18991     144891

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        270          0         62        306       2237
   FOREST MANAGED BURNING                  438          0         87        312       2451
   STRUCTURAL FIRES                        272          0         25        203       1099
   GASOLINE STA EVAP LOSS                    0          0          0       2578          0
   SOLVENT EVAPORATION LOSS                  0          0          0       5695          0
   UNPAVED ROADS                         26364          0          0          0          0
   TOTAL (MISCELLANEOUS)                 27344          0        174       9094       5787

GRAND TOTAL
***********

   AREA SOURCES                          49383       4632      27660      54553     229151

   POINT SOURCES                          5662      22772      10595        546      10474

   TOTAL                                 55045      27404      38255      55099     239625
```

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*** F06 ***                                                                                                      *** F06 ***

                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *******************************

STATE/AQCR EMISSIONS REPORT                                                             RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                                 AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
STATE:49 WASHINGTON      AQCR:062 EASTERN WASHINGTON-NORTHERN ID           POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             58              124               11               39              348
            DISTILLATE OIL              25              414              172                5               47
            NATURAL GAS                  7                1              250               12               50
            WOOD                      1418               14              113             2942             8747
            TOTAL (RESIDENTIAL)       1508              553              546             2998             9192

        ELEC GENERATION (POINT)

            RESIDUAL OIL                33               52               54                1                2
            NATURAL GAS                  1                0              177                0               11
            TOTAL (ELEC GEN)            34               52              231                1               13

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            69              229               99                0               12
                POINT SOURCES          356              435              632                1               11
            RESIDUAL OIL
                AREA SOURCES            73              904              208                1               18
            DISTILLATE OIL
                AREA SOURCES             8              123               93                3               21
            NATURAL GAS
                AREA SOURCES             6                1             1038              293              127
                POINT SOURCES           25                0               78                0                8
            WOOD
                POINT SOURCES          106                0              153               43               39
            TOTAL (INDUSTRIAL)
                AREA SOURCES           156             1257             1438              297              178
                POINT SOURCES          487              435              863               44               58

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            60              131               40                1               23
            RESIDUAL OIL
                AREA SOURCES            30              389               88                1                8
                POINT SOURCES            4               33                7                0                1
            DISTILLATE OIL
                AREA SOURCES             2               44               19                0                4
                POINT SOURCES            0                6                0                0                0
            NATURAL GAS
                AREA SOURCES             4                1              161                8               32
                POINT SOURCES            2                0              123                1               13
```

```
*** F07 ***                                                                                                   *** F07 ***
    POINT SOURCES                          14477         32137          5635          7647         54820

    TOTAL                                  79285         42057         45438         87003        523375
```

```
                AREA SOURCES                675          670         5838         2834         4460
                POINT SOURCES             33322        76914        54196          205         1662

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                675          670         5838         2834         4460
                POINT SOURCES             33322        76914        54196          205         1662

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   88            0            0          745            0
    PRIMARY METAL                            96            0            0            0         3370
    SECONDARY METALS                          2            5            7            0           60
    MINERAL PRODUCTS                        205          218         1595           42           30
    METAL FABRICATION                        10            0            0            0            0
    TOTAL (INDUSTRIAL)                      401          223         1602          787         3460

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  8            0            0           24           73
        OPEN BURNING                        307           11           78          415         1315
        TOTAL (RESIDENTIAL)                 315           11           78          439         1388

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                70            1           10          108         1243
        TOTAL (INDUSTRIAL)
                POINT SOURCES                70            1           10          108         1243

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                315           11           78          439         1388
                POINT SOURCES                70            1           10          108         1243

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            1413           80         1717         1711        15729
            LIGHT DUTY TRUCKS               486           38          794          762         6043
            HEAVY DUTY VEHICLES             348           38         1277         1175        18877
            OFF HIGHWAY                      10            6          125          332         4195
            TOTAL (GASOLINE)               2257          162         3913         3980        44844

        DIESEL

            HEAVY DUTY VEHICLES             247          127         1134          131          397
            OFF HIGHWAY                      29           21          266           41           81
            RAIL                             72          165         1065          260          375
            TOTAL (DIESEL)                  348          313         2465          432          853

    AIRCRAFT

        MILITARY                              5            0            3            6           12
        CIVIL                                 2            1           10           31          629
        COMMERCIAL                            3            6           64           57          176
        TOTAL (AIRCRAFT)                     10            7           77           94          817

    VESSELS
```

```
            WOOD
                POINT SOURCES                    11                 1                 7                35                14
            TOTAL (COMM-INST)
                AREA SOURCES                     28               226               143                 2                38
                POINT SOURCES                   207               392                95                36                34

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                   8097              1234              1869             16730             49815
                POINT SOURCES                  2213             91054             27453               165               974

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   8097              1234              1869             16730             49815
                POINT SOURCES                  2213             91054             27453               165               974

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                       43                 0                 0                 0                 0
    SECONDARY METALS                             23                63                 7                 0             10114
    MINERAL PRODUCTS                           2130                79              1012                48               486
    ORGANIC SOLVENT EVAPORATION                   0                 0                 0                13                 0
    PETROLEUM STORAGE/TRANSPORT                   0                 0                 0                 2                 0
    TOTAL (INDUSTRIAL)                         2196               142              1019                63             10600

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                    1                 0                 0                 1                 1
        TOTAL (GOVERNMENT)                        1                 0                 0                 1                 1

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                      7                 0                 0                23                73
        OPEN BURNING                            531                20               137               717              2272
        TOTAL (RESIDENTIAL)                     538                20               137               740              2345

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                      2                 0                 1                 3                10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                      2                 0                 1                 3                10

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                    540                20               138               743              2355
                POINT SOURCES                     1                 0                 0                 1                 1

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                 910                74              1631              1437             11733
            LIGHT DUTY TRUCKS                   479                51              1071               889              6366
            HEAVY DUTY VEHICLES                 334                48              1656              1211             19844
            OFF HIGHWAY                          11                 3               113               303              3826
            TOTAL (GASOLINE)                   1734               176              4471              3840             41769

        DIESEL

            HEAVY DUTY VEHICLES                 358               217              1922               186               551
```

```
*** F10 ***                                                                                                              *** F10 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                                        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:235 NORTH CENTRAL WEST VIRGINIA                     POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                   PARTICULATES           SOX               NOX                VOC               CO
                                   ************       ************      ************      ************      ************
                                    TONS / YR          TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 167                697                 34               113              1011
            DISTILLATE OIL                    7                 80                 50                 1                14
            NATURAL GAS                      15                  3                455                24                91
            WOOD                           2032                 22                161              4217             12535
            TOTAL (RESIDENTIAL)            2221                802                700              4355             13651

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                5881             334475              76181               254              2177
            DISTILLATE OIL                    0                 45                 25                 0                 4
            NATURAL GAS                       0                  0                 55                 0                 4
            TOTAL (ELEC GEN)               5881             334520              76261               254              2185

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES               137                133                 32                 0                11
            RESIDUAL OIL
                POINT SOURCES                 5                 27                 19                 0                 2
            DISTILLATE OIL
                AREA SOURCES                 13                121                138                 5                34
            NATURAL GAS
                AREA SOURCES                 15                  3               4539              1443               552
            PROCESS GAS
                POINT SOURCES                 2                334                 24                 0                 5
            COKE
                POINT SOURCES                46                 19                  9                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 28                124               4677              1448               586
                POINT SOURCES               190                513                 84                 0                18

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  4                 16                  5                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                 34                281                 47                 3                28
                POINT SOURCES               104                624                 49                 0                39
            DISTILLATE OIL
                AREA SOURCES                  3                 57                 42                 0                 9
            NATURAL GAS
                AREA SOURCES                  5                  0                169                 8                34
```

FOREST WILDFIRES	11	0	3	13	96
STRUCTURAL FIRES	14	0	1	10	56
GASOLINE STA EVAP LOSS	0	0	0	242	0
SOLVENT EVAPORATION LOSS	0	0	0	568	0
UNPAVED ROADS	16333	0	0	0	0
TOTAL (MISCELLANEOUS)	16358	0	4	833	150

GRAND TOTAL
****

AREA SOURCES	17738	280	2723	3457	19315
POINT SOURCES	592	31637	10422	301	376
TOTAL	18330	31917	13145	3758	19691

```
                AREA SOURCES              16             2           557            29           111
                POINT SOURCES              3             0           207             1            14
            TOTAL (COMM-INST)
                AREA SOURCES              25           184           681            29           142
                POINT SOURCES              7             9           209             1            16

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            5802          1197          6345         12383         35625
                POINT SOURCES          15308        164752         41007           969          2917

    INTERNAL COMBUSTION (POINT)

        ENGINE-TESTING

            TOTAL (ENG TESTNG)             0             0             0            83           249

        TOTAL (INTERNAL COMB)              0             0             0            83           249

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            5802          1197          6345         12383         35625
                POINT SOURCES          15308        164752         41007          1052          3166

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 0           227             0           167             0
    FOOD/AGRICULTURAL                      0             0             5             0             0
    SECONDARY METALS                     640           439           242            97          8300
    MINERAL PRODUCTS                    4068           278           108             6            16
    WOOD PRODUCTS                       1328          6482            68            79          2232
    ORGANIC SOLVENT EVAPORATION            9             0            29         13753             4
    PETROLEUM STORAGE/TRANSPORT            0             0             0          2782             0
    OTHER/NOT CLASSIFIED                  72             0            86             9            26
    TOTAL (INDUSTRIAL)                  6117          7426           538         16893         10578

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          1547           263           231           405          3409
        TOTAL (GOVERNMENT)              1547           263           231           405          3409

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             452             6            13          1275          3824
        OPEN BURNING                    1304            47           333          1759          5576
        TOTAL (RESIDENTIAL)             1756            53           346          3034          9400

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             115            33            55            69           158
                POINT SOURCES             41            17            69            17             3
        OPEN BURNING
                AREA SOURCES               4             0             0             8            16
        TOTAL (COMM-INST)
                AREA SOURCES             119            33            55            77           174
                POINT SOURCES             41            17            69            17             3

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              33             6             6            31            49
                POINT SOURCES             77            12            11            88           241
```

```
*** F13 ***                                                                                                  *** F13 ***
SELECT CARD = <52                                                                   25>
```

```
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              2360          181         3046         4697        54720
            LIGHT DUTY TRUCKS                2368          244         3573         4448        54295
            HEAVY DUTY VEHICLES               275           36          864         1283        26120
            OFF HIGHWAY                        13            6          150          399         5044
            TOTAL (GASOLINE)                 5016          467         7633        10827       140179

        DIESEL

            HEAVY DUTY VEHICLES              1668          972         4634         1753         4168
            OFF HIGHWAY                       500          392         4715          720         1423
            RAIL                              990         2256        14630         3552         5141
            TOTAL (DIESEL)                   3158         3620        23979         6025        10732

    AIRCRAFT

        CIVIL                                   7            1           35          104         2067
        TOTAL (AIRCRAFT)                        7            1           35          104         2067

    VESSELS

        GASOLINE                                0            2           14          318         1129
        TOTAL (VESSELS)                         0            2           14          318         1129

    TOTAL (TRANSPORTATION)                   8181         4090        31661        17274       154107

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         1578           14          371         1781        12989
    FOREST MANAGED BURNING                   1061            6          209          743         5824
    STRUCTURAL FIRES                           55            0            3           40          220
    GASOLINE STA EVAP LOSS                      0            0            0         1717            0
    SOLVENT EVAPORATION LOSS                    0            0            0         1428            0
    UNPAVED ROADS                          219215            0            0            0            0
    UNPAVED AIRSTRIPS                          45            0            0            0            0
    TOTAL (MISCELLANEOUS)                  221934           20          583         5709        19033

GRAND TOTAL
***********

    AREA SOURCES                           232698         7232        50876        33564       189476

    POINT SOURCES                           27055       124248       130923         7734        28633

    TOTAL                                  259753       131480       181799        41298       218109
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```
                 POINT SOURCES                4                  1                 159                  7                  34
             LIQUID PETROL GAS
                 POINT SOURCES                1                  9                  36                  2                   7
             TOTAL (COMM-INST)
                 AREA SOURCES                40                296                 400                 16                  88
                 POINT SOURCES                8                 33                 227                 10                  49

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES              5148               5340                7753              11319               29291
                 POINT SOURCES             1807               2706                2898                469                1197

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              5148               5340                7753              11319               29291
                 POINT SOURCES             1807               2706                2898                469                1197

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                 123                331                   1               1587               25130
     FOOD/AGRICULTURAL                      101                  0                   0                  0                   0
     PRIMARY METAL                          721                512                  18                  2                   2
     SECONDARY METALS                        73               3252                   0                  0                   0
     MINERAL PRODUCTS                       337                 66                 219                 39                  23
     WOOD PRODUCTS                         2402               1797                 766                 21               13524
     PETROLEUM STORAGE/TRANSPORT              0                  0                   0                258                   0
     OTHER/NOT CLASSIFIED                    23                  0                   0                571                   0
     TOTAL (INDUSTRIAL)                    3780               5958                1002               2478               38679

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION               284                  3                   8                803                2405
         OPEN BURNING                      1177                 45                 300               1583                5025
         TOTAL (RESIDENTIAL)               1461                 48                 308               2386                7430

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES                 6                  2                   3                  4                   8
         OPEN BURNING
                 AREA SOURCES                13                  0                   3                 23                  55
         TOTAL (COMM-INST)
                 AREA SOURCES                19                  2                   6                 27                  63

     INDUSTRIAL

         ON SITE INCINERATION
                 POINT SOURCES                0                  0                   2                  0                   0
         OPEN BURNING
                 AREA SOURCES                44                  1                  17                 74                 255
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                44                  1                  17                 74                 255
                 POINT SOURCES                0                  0                   2                  0                   0

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              1524                 51                 331               2487                7748
                 POINT SOURCES                0                  0                   2                  0                   0

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES
```

```
*** F16 ***                                                                                                   *** F16 ***
SELECT CARD = <     013                                                        40>
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```
*** F17 ***                                                                                                                 *** F17 ***
                AREA SOURCES                     8                 1               267                14                53
                POINT SOURCES                    9                 2               761                 7               110
            TOTAL (COMM-INST)
                AREA SOURCES                    56               362               356                15                61
                POINT SOURCES                   45               907              1120                13               200

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                  1385              4555             10966              4200              4948
                POINT SOURCES                 2507             79580             35884              2918              1721

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                      12                28                20                 2                16
            NATURAL GAS                         19                 0                66                 3                66
            TOTAL (ELEC GEN)                    31                28                86                 5                82

        TOTAL (INTERNAL COMB)                   31                28                86                 5                82

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  1385              4555             10966              4200              4948
                POINT SOURCES                 2538             79608             35970              2923              1803

INDUSTRIAL PROCESS (POINT)
********** ***************

    CHEMICAL MANUFACTURING                      80              5800                 0              9281             16100
    FOOD/AGRICULTURAL                          753                47                79                 3                 7
    SECONDARY METALS                           545               409                 2                 0              2901
    MINERAL PRODUCTS                           752                73                51                 2                 4
    PETROLEUM INDUSTRY                         213              5561               186               240              8992
    WOOD PRODUCTS                                5                 0                48                13                 0
    ORGANIC SOLVENT EVAPORATION                  6                 0                 0              1091                 0
    PETROLEUM STORAGE/TRANSPORT                  0                 0                 0              2296                 0
    OTHER/NOT CLASSIFIED                         5                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                        2357             11890               366             12924             28004

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                   4                 1                 1                 4                 5
        TOTAL (GOVERNMENT)                       4                 1                 1                 4                 5

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   502                 7                16              1413              4260
        OPEN BURNING                           392                14               101               529              1679
        TOTAL (RESIDENTIAL)                    894                21               117              1942              5919

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                     3                 1                 2                 2                 5
        TOTAL (COMM-INST)
                AREA SOURCES                     3                 1                 2                 2                 5

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                     1                 0                 0                 1                 2
                POINT SOURCES                    5                28               225               169                22
        OPEN BURNING
```

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      DIESEL FUEL                        1            2           13            3            5
      GASOLINE                           0           16           89         1944         6927
      TOTAL (VESSELS)                    1           18          102         1947         6932

   TOTAL (TRANSPORTATION)            63307         4135        67636        75714       785400

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    171            1           40          194         1413
   STRUCTURAL FIRES                    666            0           62          496         2699
   GASOLINE STA EVAP LOSS                0            0            0         9382            0
   SOLVENT EVAPORATION LOSS              0            0            0        40412            0
   UNPAVED ROADS                      2393            0            0            0            0
   UNPAVED AIRSTRIPS                     2            0            0            0            0
   TOTAL (MISCELLANEOUS)              3230            1          102        50484         4112

GRAND TOTAL
***********

   AREA SOURCES                      86747        12719        77820       165624       908502

   POINT SOURCES                      6314        46750        27392        27890         5669

   TOTAL                             93061        59469       105212       193514       914171
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*** G01 ***                                                                                                    *** G01 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                **********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               ************************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:    MONDAY   NOVEMBER 28, 1983
*****************************                                             AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:45 TEXAS        AQCR:218 MIDLAND-ODESSA-SAN ANGELO                 POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                 PARTICULATES          SOX                 NOX                 VOC                 CO
                                 ************     ************        ************        ************        ************
                                  TONS / YR         TONS / YR           TONS / YR           TONS / YR           TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 1               3                   0                   0                   4
            NATURAL GAS                    13               2                 525                  25                 105
            WOOD                          204               0                  14                 421                1244
            TOTAL (RESIDENTIAL)           218               5                 539                 446                1353

        ELEC GENERATION (POINT)

            RESIDUAL OIL                   13             115                  46                   0                   0
            DISTILLATE OIL                  1               5                   3                   0                   0
            NATURAL GAS                   165              12                9281                  29                  54
            TOTAL (ELEC GEN)              179             132                9330                  29                  54

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              350            2060                 511                   1                  65
            RESIDUAL OIL
                AREA SOURCES              106            1639                 298                   2                  27
                POINT SOURCES              57            1236                 217                   1                   1
            DISTILLATE OIL
                AREA SOURCES               13             220                 163                   5                  38
            NATURAL GAS
                AREA SOURCES               43               8               32455               12847                4396
                POINT SOURCES             363             375                6004                  65                 194
            PROCESS GAS
                POINT SOURCES             167            3748                1497                  14                  34
            COKE
                POINT SOURCES               0               0                  21                   0                   0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              512            3927               33427               12855                4526
                POINT SOURCES             587            5359                7739                  80                 229

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                4              14                   5                   0                   0
            BITUMINOUS COAL
                AREA SOURCES                2              42                   7                   0                   4
            RESIDUAL OIL
                AREA SOURCES              584            9380                1708                  34                 155
            DISTILLATE OIL
                AREA SOURCES              228            4919                2277                  34                 569
```

```
*** G02 ***                                                                              *** G02 ***
            POINT SOURCES                658         3648         3863           66          226

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                    4796         1110          337           57            3
    PETROLEUM INDUSTRY                   195          394          136          165        10976
    WOOD PRODUCTS                        990            0            0            0            0
    OTHER/NOT CLASSIFIED                   0           80            0            0            0
    TOTAL (INDUSTRIAL)                  5981         1584          473          222        10979

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             782           11           25         2199         6598
        OPEN BURNING                     636           24          161          857         2718
        TOTAL (RESIDENTIAL)             1418           35          186         3056         9316

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              14            2            7            8           22
        TOTAL (COMM-INST)
                AREA SOURCES              14            2            7            8           22

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               7            0            0            7           14
        TOTAL (INDUSTRIAL)
                AREA SOURCES               7            0            0            7           14

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1439           37          193         3071         9352

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         4440          207         3491         7053        87552
            LIGHT DUTY TRUCKS           2725          182         2660         4548        57644
            HEAVY DUTY VEHICLES          258           25          566         1097        21900
            OFF HIGHWAY                   15            5          157          415         5242
            TOTAL (GASOLINE)            7438          419         6874        13113       172338

        DIESEL

            HEAVY DUTY VEHICLES          989          480         2263         1063         2585
            OFF HIGHWAY                  234          185         2206          334          666
            RAIL                         140          317         2058          499          724
            TOTAL (DIESEL)              1363          982         6527         1896         3975

    AIRCRAFT

        CIVIL                              2            0           15           44          866
        TOTAL (AIRCRAFT)                   2            0           15           44          866

    VESSELS

        GASOLINE                           0            6           41          931         3311
        TOTAL (VESSELS)                    0            6           41          931         3311
```

```
SELECT CARD = <47     221                                                                                                      45>
STATE 47 COUNTY 0280 NOT FOUND IN POINT FILE
```

```
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  3340              3680              1783              5692             19625
                POINT SOURCES                  820             23458             16106               120               648

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                       1                 0                 0                25                 0
    PRIMARY METAL                             1852                 6                 9               339               174
    MINERAL PRODUCTS                          4832               890               186               121                19
    WOOD PRODUCTS                              119                 0                 0                90                 0
    ORGANIC SOLVENT EVAPORATION                 55                 1                 7              2688                 1
    PETROLEUM STORAGE/TRANSPORT                  0                 0                 0                 1                 0
    OTHER/NOT CLASSIFIED                       190                 0                 0                47                 0
    TOTAL (INDUSTRIAL)                        7049               897               202              3311               194

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                    20                 0                 0                59               179
        OPEN BURNING                          1083                41               279              1460              4638
        TOTAL (RESIDENTIAL)                   1103                41               279              1519              4817

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    31                 6                14                18                40
        TOTAL (COMM-INST)
                AREA SOURCES                    31                 6                14                18                40

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    17                 1                 1                17                30
        OPEN BURNING
                AREA SOURCES                    10                 0                 5                15                50
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    27                 1                 6                32                80

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  1161                48               299              1569              4937

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               3535               285              6170              5330             43769
            LIGHT DUTY TRUCKS                 1742               188              3838              3129             22429
            HEAVY DUTY VEHICLES                375                53              1826              1347             22055
            OFF HIGHWAY                         30                17               344               915             11555
            TOTAL (GASOLINE)                  5682               543             12178             10721             99808

        DIESEL

            HEAVY DUTY VEHICLES               1751              1058              9371               908              2689
            OFF HIGHWAY                         88                67               815               123               247
            RAIL                                89               203              1312               319               461
            TOTAL (DIESEL)                    1928              1328             11498              1350              3397

    AIRCRAFT
```

```
SELECT CARD = <48    225                                                                          45>
STATE 48 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 48 COUNTY 2100 NOT FOUND IN POINT FILE
```

```
          TOTAL (COMM-INST)
                AREA SOURCES                96           565           308            10            67
                POINT SOURCES                6            39           130             1            14

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              1760          2375          2292          3305          9437
                POINT SOURCES              527           526          1224            46            85

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   0             1             1             0             0
            TOTAL (ELEC GEN)                 0             1             1             0             0

        TOTAL (INTERNAL COMB)                0             1             1             0             0

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              1760          2375          2292          3305          9437
                POINT SOURCES              527           527          1225            46            85

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 613             0             1             2            19
    FOOD/AGRICULTURAL                      731             0             1             1            10
    PRIMARY METAL                         3009         18636            51             0         57575
    SECONDARY METALS                       178             1             1             0           109
    MINERAL PRODUCTS                       363             5             2             6             3
    WOOD PRODUCTS                           70             0             0             0             0
    ORGANIC SOLVENT EVAPORATION              0             0             0             2             0
    PETROLEUM STORAGE/TRANSPORT              0             0             0          1971             0
    TOTAL (INDUSTRIAL)                    4964         18642            56          1982         57716

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              1124            18            35          3163          9687
        OPEN BURNING                      1081            39           278          1458          4624
        TOTAL (RESIDENTIAL)               2205            57           313          4621         14111

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                23             8            10            14            35
        OPEN BURNING
                AREA SOURCES                 1             0             0             2             4
                POINT SOURCES                7             0             2             9            55
        TOTAL (COMM-INST)
                AREA SOURCES                24             8            10            16            39
                POINT SOURCES                7             0             2             9            55

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 9             1             1             9            15
                POINT SOURCES                0             0             0             0             5
        OPEN BURNING
                AREA SOURCES                 8             0             3            13            45
        TOTAL (INDUSTRIAL)
                AREA SOURCES                17             1             4            22            60
                POINT SOURCES                0             0             0             0             5
```

```
SELECT CARD = <49    229                                                                                    45>
```

```
        DIESEL FUEL                          18          22         167          42          59
        GASOLINE                              0           2          12         266         950
        TOTAL (VESSELS)                      18          24         179         308        1009

    TOTAL (TRANSPORTATION)                 2633         506        6634        4814       47523

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        836           7         197         945        6887
    STRUCTURAL FIRES                         49           0           5          37         199
    GASOLINE STA EVAP LOSS                    0           0           0         634           0
    SOLVENT EVAPORATION LOSS                  0           0           0        2138           0
    UNPAVED ROADS                         18769           0           0           0           0
    TOTAL (MISCELLANEOUS)                 19654           7         202        3754        7086

GRAND TOTAL
***********

    AREA SOURCES                          23277        1196       12752       11841       60457

    POINT SOURCES                         33793       77138       55808        1100        6365

    TOTAL                                 57070       78332       68560       12941       66822
```

```
*** G09 ***                                                                                                         *** G09 ***
          OFF HIGHWAY                        51              39             475              72             143
          RAIL                               69             159            1025             248             361
          TOTAL (DIESEL)                    478             415            3422             506            1055

   AIRCRAFT

       MILITARY                               1               0               0               1               2
       CIVIL                                  0               0               4              14             264
       COMMERCIAL                             1               2              24              21              66
       TOTAL (AIRCRAFT)                       2               2              28              36             332

   VESSELS

       GASOLINE                               0               1               8             178             633
       TOTAL (VESSELS)                        0               1               8             178             633

   TOTAL (TRANSPORTATION)                  2214             594            7929            4560           43789

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         214               1              49             242            1767
   STRUCTURAL FIRES                          47               0               3              35             189
   GASOLINE STA EVAP LOSS                     0               0               0             615               0
   SOLVENT EVAPORATION LOSS                   0               0               0            2067               0
   UNPAVED ROADS                          33733               0               0               0               0
   TOTAL (MISCELLANEOUS)                  33994               1              52            2959            1956

GRAND TOTAL
***********

   AREA SOURCES                           44845            1849            9988           24992           97915

   POINT SOURCES                           4410           91196           28472             229           11575

   TOTAL                                  49255           93045           38460           25221          109490
```

```
          TOTAL (COMM-INST)
               AREA SOURCES                46             354             263              11              71
               POINT SOURCES              104             624              49               0              39

      TOTAL (EXTERNAL COMB)
               AREA SOURCES              2295            1280            5640            5814           14308
               POINT SOURCES             6175          335657           76394             254            2242

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES              2295            1280            5640            5814           14308
               POINT SOURCES             6175          335657           76394             254            2242

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  96               0               0              92              76
   PRIMARY METAL                          733             328               0              29               4
   SECONDARY METALS                       251            1280               0               0             235
   MINERAL PRODUCTS                      3179             744            2214             180              49
   TOTAL (INDUSTRIAL)                    4259            2352            2214             301             364

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 13               0               0              36             109
      OPEN BURNING                        831              31             213            1122            3560
      TOTAL (RESIDENTIAL)                 844              31             213            1158            3669

   INDUSTRIAL

      OPEN BURNING
               AREA SOURCES                 6               0               3               9              30
      TOTAL (INDUSTRIAL)
               AREA SOURCES                 6               0               3               9              30

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES               850              31             216            1167            3699

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             1802             106            2253            2160           19624
         LIGHT DUTY TRUCKS                734              59            1203            1103            8750
         HEAVY DUTY VEHICLES              644              76            2525            2205           35582
         OFF HIGHWAY                       21              11             225             596            7550
         TOTAL (GASOLINE)                3201             252            6206            6064           71506

      DIESEL

         HEAVY DUTY VEHICLES              613             333            2980             323             970
         OFF HIGHWAY                       50              39             473              71             143
         RAIL                             114             258            1682             408             591
         TOTAL (DIESEL)                   777             630            5135             802            1704

   AIRCRAFT

      MILITARY                             10               1               5              13              26
      CIVIL                                 2               2              11              34             674
      COMMERCIAL                            5              11             123             109             338
```

```
*** 611 ***                                                                                              *** 611 ***
SELECT CARD = <51    073                                                              45>
```

```
*** G12 ***                                                                                                         *** 612 ***
        OPEN BURNING
                AREA SOURCES                    25                  0                 10                 43                150
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    58                  6                 16                 74                199
                POINT SOURCES                   77                 12                 11                 88                241

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  1933                 92                417               3185               9773
                POINT SOURCES                 1665                292                311                510               3653

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              15436                670              15111              17870             181213
            LIGHT DUTY TRUCKS                 4142                257               5529               6342              55776
            HEAVY DUTY VEHICLES                934                 87               2863               3127              49531
            OFF HIGHWAY                         66                 36                730               1947              24596
            TOTAL (GASOLINE)                 20576               1050              24233              29286             311116

        DIESEL

            HEAVY DUTY VEHICLES               3649               1604              14[illegible]00               1969               6052
            OFF HIGHWAY                        439                343               4124                630               1247
            RAIL                               113                262               1695                411                597
            TOTAL (DIESEL)                    4201               2209              20419               3010               7896

    AIRCRAFT

        MILITARY                                72                  4                 37                 85                175
        CIVIL                                    7                  4                 41                131               2630
        COMMERCIAL                               8                 19                200                177                552
        TOTAL (AIRCRAFT)                        87                 27                278                393               3357

    VESSELS

        DIESEL FUEL                             12                 16                118                 30                 42
        GASOLINE                                 0                 29                164               3607              12855
        TOTAL (VESSELS)                         12                 45                282               3637              12897

    TOTAL (TRANSPORTATION)                   24876               3331              45212              36326             335266

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           368                  3                 87                415               3034
    STRUCTURAL FIRES                           261                  0                 25                197               1062
    GASOLINE STA EVAP LOSS                       0                  0                  0               3524                  0
    SOLVENT EVAPORATION LOSS                     0                  0                  0              20214                  0
    UNPAVED ROADS                            80709                  0                  0                  0                  0
    UNPAVED AIRSTRIPS                           64                  0                  0                  0                  0
    TOTAL (MISCELLANEOUS)                    81402                  3                112              24350               4096

GRAND TOTAL
***********

    AREA SOURCES                            114013               4623              52086              76244             384760

    POINT SOURCES                            23090             172470              41856              18455              17397

    TOTAL                                   137103             177093              93942              94699             402157
```

```
                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE EMISSIONS REPORT                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                        AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 52:WYOMING                                                  POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             337            704               69              227             2061
            DISTILLATE OIL                0             29               11                0                1
            NATURAL GAS                  18              2              614               34              125
            WOOD                       2832             30              225             5883            17492
            TOTAL (RESIDENTIAL)        3187            765              919             6144            19659

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            4914          76684           126567              675             4614
            LIGNITE                    1742          47005            39116              196             1676
            DISTILLATE OIL                0            328               74                0               16
            NATURAL GAS                   0              0               28                0                2
            TOTAL (ELEC GEN)           6656         124017           165783              871             6308

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           474          24279            18391               47              690
            LIGNITE
                POINT SOURCES           568           1136              736               19             1624
            RESIDUAL OIL
                AREA SOURCES             41            442              118                0               10
                POINT SOURCES           467           6185             1407               17              830
            DISTILLATE OIL
                AREA SOURCES            277           4147             3121              105              740
                POINT SOURCES             6            156               62                1               16
            NATURAL GAS
                AREA SOURCES             46              8            26698            10336             3593
                POINT SOURCES            25            128             2886               87             3218
            PROCESS GAS
                POINT SOURCES             7           1042              328                7               82
            WOOD
                POINT SOURCES            75              7               54              138              121
            TOTAL (INDUSTRIAL)
                AREA SOURCES            364           4597            29937            10441             4343
                POINT SOURCES          1622          32933            23864              316             6581

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            286            916              307               15              181
            RESIDUAL OIL
                AREA SOURCES              1             28                7                0                0
```

```
SELECT CARD = <54                                                     25>
```

```
        GASOLINE

            LIGHT DUTY VEHICLES              14046           547          11903          14996         167971
            LIGHT DUTY TRUCKS                 3034           176           3573           4236          35840
            HEAVY DUTY VEHICLES                928            78           2437           2898          65851
            OFF HIGHWAY                         40            19            447           1194          15087
            TOTAL (GASOLINE)                 18048           820          18360          23322         244749

        DIESEL

            HEAVY DUTY VEHICLES               2107           921           8386           1139           3501
            OFF HIGHWAY                        219           171           2056            314            622
            RAIL                               334           763           4944           1198           1738
            TOTAL (DIESEL)                    2660          1855          15386           2651           5861

    AIRCRAFT

        MILITARY                              3292           214           1690           3871           7996
        CIVIL                                    4             2             27             85           1705
        COMMERCIAL                               4            10             96             85            264
        TOTAL (AIRCRAFT)                      3300           226           1813           4041           9963

    VESSELS

        GASOLINE                                 0             8             49           1042           3715
        TOTAL (VESSELS)                          0             8             49           1042           3715

    TOTAL (TRANSPORTATION)                   24008          2909          35608          31056         264288

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          3630            30            855           4103          29906
    FOREST MANAGED BURNING                    4343            33            867           3103          24325
    AGRICULTURAL BURNING                       723             0            102            665           4788
    STRUCTURAL FIRES                           206             0             20            153            836
    GASOLINE STA EVAP LOSS                       0             0              0           3920              0
    SOLVENT EVAPORATION LOSS                     0             0              0          10901              0
    UNPAVED ROADS                            50616             0              0              0              0
    TOTAL (MISCELLANEOUS)                    59518            63           1844          22845          59855

GRAND TOTAL
***********

    AREA SOURCES                             90198          8363          45536          67707         361182

    POINT SOURCES                             5587          8664           3902           2947          39876

    TOTAL                                    95785         17027          49438          70654         401058
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

AQCR EMISSIONS REPORT                                                       RUN DATE:   MONDAY   NOVEMBER 28, 1983
*****************************                                  AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:013 CLARK-MOHAVE                                         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0                1                0                0                3
         DISTILLATE OIL                 0                1                1                0                0
         NATURAL GAS                    9                1              311               17               61
         WOOD                         258                3               20              537             1595
         TOTAL (RESIDENTIAL)          267                6              332              554             1659

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             5839            41589            75860              168             1441
         DISTILLATE OIL                 0                5                7                0                2
         NATURAL GAS                   27                7             5958               15              433
         TOTAL (ELEC GEN)            5866            41601            81825              183             1876

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              360             1096              546                1               70
         RESIDUAL OIL
            AREA SOURCES                3               45               10                0                1
         DISTILLATE OIL
            AREA SOURCES                7               98               76                2               17
            POINT SOURCES               2               75               21                0                5
         NATURAL GAS
            AREA SOURCES                2                0              406              119               68
            POINT SOURCES               0                0               73                0                7
         PROCESS GAS
            POINT SOURCES               0              320                0                0                0
         OTHER
            POINT SOURCES               0                0                4                0                1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              372             1239             1036              122              156
            POINT SOURCES               2              395               98                0               13

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                1                2                1                0                0
         BITUMINOUS COAL
            AREA SOURCES               18               28                9                0                6
         RESIDUAL OIL
            AREA SOURCES                0                6                1                0                0
         DISTILLATE OIL
```

```
          AREA SOURCES                  6              0              3              9             30
    TOTAL (INDUSTRIAL)
          AREA SOURCES                  7              0              3             10             32
          POINT SOURCES                 5             28            225            169             22

  TOTAL (SOLID WASTE DISP)
          AREA SOURCES                904             22            122           1954           5956
          POINT SOURCES                 9             29            226            173             27

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

        LIGHT DUTY VEHICLES         18235            560          11640          16188         173634
        LIGHT DUTY TRUCKS            3777            161           3120           4223          39588
        HEAVY DUTY VEHICLES          1076             74           2222           3311          51627
        OFF HIGHWAY                    44             23            485           1291          16321
        TOTAL (GASOLINE)            23132            818          17467          25013         281170

    DIESEL

        HEAVY DUTY VEHICLES          4168           1592          14701           2281           7095
        OFF HIGHWAY                   148            115           1390            212            420
        RAIL                          307            699           4532           1101           1592
        TOTAL (DIESEL)               4623           2406          20623           3594           9107

  AIRCRAFT

    MILITARY                           96              6             49            113            232
    CIVIL                               5              3             21             66           1321
    COMMERCIAL                         38             88            919            814           2530
    TOTAL (AIRCRAFT)                  139             97            989            993           4083

  VESSELS

    DIESEL FUEL                       163            205           1525            382            534
    GASOLINE                            0              7             39            866           3090
    TOTAL (VESSELS)                   163            212           1564           1248           3624

  TOTAL (TRANSPORTATION)            28057           3533          40663          30848         297984

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                     71              1             16             81            587
  FOREST MANAGED BURNING              101              1             20             72            566
  STRUCTURAL FIRES                    230              0             21            173            938
  GASOLINE STA EVAP LOSS                0              0              0           5062              0
  SOLVENT EVAPORATION LOSS              0              0              0          15623              0
  UNPAVED ROADS                     22653              0              0              0              0
  UNPAVED AIRSTRIPS                     2              0              0              0              0
  TOTAL (MISCELLANEOUS)             23057              2             57          20811           2091

GRAND TOTAL
***********

  AREA SOURCES                      53403           8112          51788          57813         310979

  POINT SOURCES                      4904          91527          36560          16020          29834

  TOTAL                             58307          99639          88348          73833         340813
```

SELECT CARD = <   043   40>

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*** H01 ***                                                                                                                   *** H01 ***
            NATURAL GAS
                AREA SOURCES                  5                 0               232                10                45
                POINT SOURCES                 2                 0                13                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                823             14355              4229                78               773
                POINT SOURCES                 2                 0                13                 0                 0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               1553             18287             38195             13379              6652
                POINT SOURCES               768              5491             17082               109               283

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    0                 0               874                 0                 0
            NATURAL GAS                      11                 1               510                 7                15
            TOTAL (ELEC GEN)                 11                 1              1384                 7                15

        INDUSTRIAL FUEL

            DISTILLATE OIL                    8                 8               130                 4                27
            NATURAL GAS                     272                15             84433              1417             11417
            TOTAL (INDUSTRIAL)              280                23             84563              1421             11444

        TOTAL (INTERNAL COMB)               291                24             85947              1428             11459

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1553             18287             38195             13379              6652
                POINT SOURCES              1059              5515            103029              1537             11742

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 1277            124018               479             12777             67882
    FOOD/AGRICULTURAL                      1326                 0                 0                 0                 0
    PRIMARY METAL                             7                 0                 0                 0                 0
    SECONDARY METALS                         67                 7                 1                 0              1070
    MINERAL PRODUCTS                        765                 0                 3                 0                 0
    PETROLEUM INDUSTRY                      857             29390              9482              8539              3839
    ORGANIC SOLVENT EVAPORATION               0                 0                 0              1469                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0             17329                 0
    OTHER/NOT CLASSIFIED                     13             16777               371             34038                 2
    TOTAL (INDUSTRIAL)                     4312            170192             10336             74152             72793

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                   47                 5                12                47               140
        TOTAL (GOVERNMENT)                   47                 5                12                47               140

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                117                 0                 3               331               991
        OPEN BURNING                        391                10                98               531              1681
        TOTAL (RESIDENTIAL)                 508                10               101               862              2672

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 21                 5                10                14                34
                POINT SOURCES                 0                 0                 2                 0                 0
        TOTAL (COMM-INST)
    TOTAL (TRANSPORTATION)                     8803            1407           13457           15984          180490

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           2864              26             676            3238           23588
    FOREST MANAGED BURNING                     1876              16             375            1340           10508
    STRUCTURAL FIRES                             46               0               2              33             188
    GASOLINE STA EVAP LOSS                        0               0               0            1179               0
    SOLVENT EVAPORATION LOSS                      0               0               0            2139               0
    UNPAVED ROADS                            260741               0               0               0               0
    UNPAVED AIRSTRIPS                            22               0               0               0               0
    TOTAL (MISCELLANEOUS)                    265549              42            1053            7929           34284

GRAND TOTAL
***********

    AREA SOURCES                             277665            4303           16418           30069          233892

    POINT SOURCES                              6639            5232            4336             288           11205

    TOTAL                                    284304            9535           20754           30357          245097
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:47 VERMONT         AQCR:221 VERMONT                        POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             4             12              0              4             40
            DISTILLATE OIL             66           1148            479             19            133
            NATURAL GAS                 0              0             67              3             12
            WOOD                     4171             42            329           8655          25725
            TOTAL (RESIDENTIAL)      4241           1202            875           8681          25910

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            1             23             11              0              0
            BITUMINOUS COAL
                AREA SOURCES            9             74             17              0              2
            RESIDUAL OIL
                POINT SOURCES          82           1091            376              1             34
            DISTILLATE OIL
                AREA SOURCES            2             62             47              0             11
            NATURAL GAS
                AREA SOURCES            0              0             88              0             22
            COKE
                AREA SOURCES           11             26              7              0              3
            WOOD
                POINT SOURCES         165              3             34             39             90
            TOTAL (INDUSTRIAL)
                AREA SOURCES           23            185            170              0             38
                POINT SOURCES         247           1094            410             40            124

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES           50            164             59              0              3
            RESIDUAL OIL
                AREA SOURCES           32            464             95              0             10
            DISTILLATE OIL
                AREA SOURCES           15            314            146              0             38
            NATURAL GAS
                AREA SOURCES            0              0             18              0              3
            TOTAL (COMM-INST)
                AREA SOURCES           97            942            318              0             54

        TOTAL (EXTERNAL COMB)
                AREA SOURCES         4361           2329           1363           8681          26002
        CIVIL                                 0            0            7           26          520
        TOTAL (AIRCRAFT)                      0            0            7           26          520

    VESSELS

        GASOLINE                              0            0            1           28          101
        TOTAL (VESSELS)                       0            0            1           28          101

    TOTAL (TRANSPORTATION)                 7610         1871        23684        12125       103826

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        394            2           91          444         3228
    STRUCTURAL FIRES                        219            0           19          162          883
    GASOLINE STA EVAP LOSS                    0            0            0         1893            0
    SOLVENT EVAPORATION LOSS                  0            0            0         4695            0
    UNPAVED ROADS                         40593            0            0            0            0
    TOTAL (MISCELLANEOUS)                 41206            2          110         7194         4111

GRAND TOTAL
***********

    AREA SOURCES                          53317         5601        25876        26580       132499

    POINT SOURCES                          7869        24355        16308         3431          842

    TOTAL                                 61186        29956        42184        30011       133341
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*** H05 ***                                                                                         *** H05 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
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                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ********************************

STATE/AQCR EMISSIONS REPORT                                                RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                   AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
STATE:48 VIRGINIA        AQCR:225 STATE CAPITAL               POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                            PARTICULATES          SOX               NOX               VOC               CO
                            ************     ************      ************      ************      ************
                             TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL            0                 1                 0                 0                 4
            BITUMINOUS COAL           35               102                 5                21               198
            DISTILLATE OIL            62               690               432                14               119
            NATURAL GAS               11                 2               393                18                78
            WOOD                    4272                46               336              8871             26371
            TOTAL (RESIDENTIAL)     4380               841              1166              8924             26770

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         1514             33620             22795                58               497
            RESIDUAL OIL             473               170               356                 4                27
            TOTAL (ELEC GEN)        1987             33790             23151                62               524

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        1998             11941              3960                13               509
                POINT SOURCES        401              1369               673                 3               147
            RESIDUAL OIL
                POINT SOURCES       1971             23659              4004                15             11321
            DISTILLATE OIL
                POINT SOURCES         44               919               410                 3               103
            NATURAL GAS
                AREA SOURCES          18                 2              3119               879               384
                POINT SOURCES          6                 0               127                 3                32
            WOOD
                POINT SOURCES         29                 4                51                57               135
            LIQUID PETROL GAS
                POINT SOURCES          0                 0                 2                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES        2016             11943              7079               892               893
                POINT SOURCES       2451             25951              5267                81             11739

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           8                27                10                 0                 1
            BITUMINOUS COAL
                AREA SOURCES         104               406                91                 4                54
                POINT SOURCES        128               263               127                 0                49
            RESIDUAL OIL
                POINT SOURCES         34               489                79                 2                 8
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          2246           66          327         4659        14210
                POINT SOURCES            7            0            2            9           60

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       7367          268         6042         8349        84399
            LIGHT DUTY TRUCKS         3077          159         3357         4483        40012
            HEAVY DUTY VEHICLES        397           35         1125         1280        20268
            OFF HIGHWAY                 25           13          288          766         9695
            TOTAL (GASOLINE)         10866          475        10812        14878       154374

        DIESEL

            HEAVY DUTY VEHICLES       1070          459         4190          579         1784
            OFF HIGHWAY                397          312         3742          570         1131
            RAIL                       104          235         1520          368          535
            TOTAL (DIESEL)            1571         1006         9452         1517         3450

    AIRCRAFT

        MILITARY                       304           20          156          358          739
        CIVIL                           10            6           44          132         2639
        COMMERCIAL                      12           27          275          244          759
        TOTAL (AIRCRAFT)               326           53          475          734         4137

    VESSELS

        DIESEL FUEL                      1            5           23            6           10
        GASOLINE                         0           11           67         1514         5389
        TOTAL (VESSELS)                  1           16           90         1520         5399

    TOTAL (TRANSPORTATION)           12764         1550        20829        18649       167360

MISCELLANEOUS (AREA)
********************

    FOREST MANAGED BURNING            1582           12          318         1131         8857
    AGRICULTURAL BURNING              1019            0          145          939         6764
    STRUCTURAL FIRES                   117            0           10           89          477
    GASOLINE STA EVAP LOSS               0            0            0         1898            0
    SOLVENT EVAPORATION LOSS             0            0            0         4908            0
    UNPAVED ROADS                     7242            0            0            0            0
    UNPAVED AIRSTRIPS                  153            0            0            0            0
    TOTAL (MISCELLANEOUS)            10113           12          473         8965        16098

GRAND TOTAL
***********

    AREA SOURCES                     26883         4003        23921        35578       207105

    POINT SOURCES                     5498        19169         1283         2037        57861

    TOTAL                            32381        23172        25204        37615       264966
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*** H07 ***                                                                                                   *** H07 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                *******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:49 WASHINGTON      AQCR:229 PUGET SOUND                        POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                   PARTICULATES        SOX              NOX              VOC              CO
                                   ************    ************     ************     ************     ************
                                    TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 19               54                6               13              112
            DISTILLATE OIL                 117             2025              843               32              235
            NATURAL GAS                     27                5              896               47              179
            WOOD                          4744               49              375             9851            29278
            TOTAL (RESIDENTIAL)           4907             2133             2118             9943            29804

        ELEC GENERATION (POINT)

            RESIDUAL OIL                     2               20                6                0                0
            TOTAL (ELEC GEN)                 2               20                6                0                0

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               403             1526              561                1               72
            RESIDUAL OIL
                AREA SOURCES               636             7906             1822               10              166
                POINT SOURCES              305             1390              512               17               46
            DISTILLATE OIL
                AREA SOURCES                55              830              625               21              148
                POINT SOURCES                1               15                7                0                2
            NATURAL GAS
                AREA SOURCES                27                5             4600             1296              567
                POINT SOURCES               57                7              903               98              166
            WOOD
                POINT SOURCES             1762               12              727              365              664
            TOTAL (INDUSTRIAL)
                AREA SOURCES              1121            10267             7608             1328              953
                POINT SOURCES             2125             1424             2149              480              878

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               349              805              219                9              130
                POINT SOURCES                2                0                0                0                0
            RESIDUAL OIL
                AREA SOURCES               163             2075              478                9               44
                POINT SOURCES               23              244               79                1                6
            DISTILLATE OIL
                AREA SOURCES                11              235              109                1               27
                POINT SOURCES               18              986              182                3               46
            NATURAL GAS
                AREA SOURCES                22                6              727               38              145
```

```
SELECT CARD = <50    113                                                   45>
SELECT CARD = <50    232                                                                      45>
STATE 50 COUNTY 0260 NOT FOUND IN POINT FILE
STATE 50 COUNTY 0380 NOT FOUND IN POINT FILE
STATE 50 COUNTY 0400 NOT FOUND IN POINT FILE
STATE 50 COUNTY 0520 NOT FOUND IN POINT FILE
STATE 50 COUNTY 1680 NOT FOUND IN POINT FILE
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      TOTAL (AIRCRAFT)                     17            14           139           156          1038

   VESSELS

      DIESEL FUEL                          11            12            99            23            33
      GASOLINE                              0             0             3            63           225
      TOTAL (VESSELS)                      11            12           102            86           258

   TOTAL (TRANSPORTATION)                4006           908         11582          7108         74506

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       151             0            34           170          1241
   STRUCTURAL FIRES                        78             0             7            57           315
   GASOLINE STA EVAP LOSS                   0             0             0          1015             0
   SOLVENT EVAPORATION LOSS                 0             0             0          2850             0
   UNPAVED ROADS                        43690             0             0             0             0
   TOTAL (MISCELLANEOUS)                43919             0            41          4092          1556

GRAND TOTAL
***********

   AREA SOURCES                         51070          2219         17479         18181         94069

   POINT SOURCES                        10434        338009         78608           555          2606

   TOTAL                                61506        340228         96087         18736         96675
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                             *********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             **********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN      AQCR:073 ROCKFORD-JANESVILLE-BELOIT         POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  7               84               53                2               15
         NATURAL GAS                     6                1              203               11               41
         TOTAL (RESIDENTIAL)            13               85              256               13               56

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               415            15384             4303               39              134
         DISTILLATE OIL                  0                2                1                0                0
         NATURAL GAS                     0                0                1                0                0
         TOTAL (ELEC GEN)              415            15386             4305               39              134

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              476             2438              434               28               59
         RESIDUAL OIL
            POINT SOURCES                4               63               16                0                2
         NATURAL GAS
            AREA SOURCES                 2                0              227               41               25
            POINT SOURCES                1                0               79                1                3
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 2                0              227               41               25
            POINT SOURCES              481             2501              529               29               64

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 0                1                0                0                0
         DISTILLATE OIL
            AREA SOURCES                 1               16               11                0                3
         NATURAL GAS
            AREA SOURCES                 2                0               71                4               14
         TOTAL (COMM-INST)
            AREA SOURCES                 3               17               82                4               17

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                18              102              565               58               98
            POINT SOURCES              896            17887             4834               68              198

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION
```

```
SELECT CARD = <51    238                                                                     45>
STATE 51 COUNTY 0960 NOT FOUND IN POINT FILE
```

```
            DISTILLATE OIL
                AREA SOURCES                   8               225               103                 1                26
            NATURAL GAS
                AREA SOURCES                   3                 0               178                 8                34
                POINT SOURCES                  0                 0                 1                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                 298              1169               595                24               241
                POINT SOURCES                  0                 0                 1                 0                 0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                3849              6531             31451             16609             24243
                POINT SOURCES               8278            156950            189648              1187             12889

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                       39                 1             12198               468              1598
            TOTAL (INDUSTRIAL)                39                 1             12198               468              1598

        TOTAL (INTERNAL COMB)                 39                 1             12198               468              1598

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                3849              6531             31451             16609             24243
                POINT SOURCES               8317            156951            201846              1655             14487

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  4864              2886               504                 0                 2
    FOOD/AGRICULTURAL                        233               271                43                 0                 3
    PRIMARY METAL                            116              1277                 1               165                66
    MINERAL PRODUCTS                       17037              1581               323                20                 8
    PETROLEUM INDUSTRY                       895             23876              2665             10615             54208
    PETROLEUM STORAGE/TRANSPORT                0                 0                 0              6533                 0
    OTHER/NOT CLASSIFIED                       0               524                 0                 0                 0
    TOTAL (INDUSTRIAL)                     23125             30415              3536             17133             54287

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 365                 3                 8              1029              3102
        OPEN BURNING                         598                22               155               807              2555
        TOTAL (RESIDENTIAL)                  963                25               163              1836              5657

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 107                32                50                62               151
        TOTAL (COMM-INST)
                AREA SOURCES                 107                32                50                62               151

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  20                 1                 1                20                38
                POINT SOURCES                793                13               156              1376             15902
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  20                 1                 1                20                38
                POINT SOURCES                793                13               156              1376             15902

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1090                58               214              1918              5846
```

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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE EMISSIONS REPORT                                                    RUN DATE:   MONDAY  NOVEMBER 28, 1983
*************************                                      AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE 54:GUAM                                                 POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                           PARTICULATES        SOX            NOX            VOC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      ELEC GENERATION (POINT)

         RESIDUAL OIL              2916          37259           5772             68            404
         TOTAL (ELEC GEN)          2916          37259           5772             68            404

      INDUSTRIAL FUEL

         DISTILLATE OIL
            POINT SOURCES             7            402             74              1             19
         NATURAL GAS
            POINT SOURCES             0              0             14              1              3
         TOTAL (INDUSTRIAL)
            POINT SOURCES             7            402             88              2             22

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES             5             67              8              0              1
         DISTILLATE OIL
            POINT SOURCES             1             58             11              0              3
         TOTAL (COMM-INST)
            POINT SOURCES             6            125             19              0              4

      TOTAL (EXTERNAL COMB)
            POINT SOURCES          2929          37786           5879             70            430

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL             245          11910           3283            103            174
         OTHER                        4              5             54              4             12
         TOTAL (ELEC GEN)           249          11915           3337            107            186

      COMM-INSTITUTIONAL

         TOTAL (COMM-INST)            7              7            104              7             23

      TOTAL (INTERNAL COMB)         256          11922           3441            114            209

   TOTAL (FUEL COMBUSTION)

            POINT SOURCES          3185          49708           9320            184            639

INDUSTRIAL PROCESS (POINT)
```

```
SELECT CARD = <       005                                                                                   40>
STATE 10 COUNTY 0460 NOT FOUND IN POINT FILE
STATE 10 COUNTY 1860 NOT FOUND IN POINT FILE
STATE 10 COUNTY 4680 NOT FOUND IN POINT FILE
STATE 25 COUNTY 0840 NOT FOUND IN POINT FILE
STATE 25 COUNTY 0860 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1320 NOT FOUND IN POINT FILE
STATE 25 COUNTY 1340 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2760 NOT FOUND IN POINT FILE
STATE 25 COUNTY 2960 NOT FOUND IN POINT FILE
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```
                AREA SOURCES                  0                 3                 1                 0                 0
                POINT SOURCES                 0                 3                 1                 0                 0
            NATURAL GAS
                AREA SOURCES                  4                 1               151                 8                30
                POINT SOURCES                34                 7              1119                59               224
            OTHER
                POINT SOURCES                 0                 1                 2                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                 23                40               163                 8                36
                POINT SOURCES                34                11              1122                59               224

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                662              1285              1531               684              1851
                POINT SOURCES              5902             62007             83045               242              2113

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    1                 0                14                 1                 3
            NATURAL GAS                      31                 1               910                28               253
            TOTAL (ELEC GEN)                 32                 1               924                29               256

        INDUSTRIAL FUEL

            DISTILLATE OIL                    5                 6                74                 5                16
            NATURAL GAS                      13                 1               616                15               148
            TOTAL (INDUSTRIAL)               18                 7               690                20               164

        TOTAL (INTERNAL COMB)                50                 8              1614                49               420

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                662              1285              1531               684              1851
                POINT SOURCES              5952             62015             84659               291              2533

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    1               175                 1                 0                 0
    FOOD/AGRICULTURAL                       639                 0                 0                 0                 0
    PRIMARY METAL                            49                 0                20                 0                 3
    SECONDARY METALS                         30                 0                 0                 0                 0
    MINERAL PRODUCTS                       5211                 1                 1                 1                 1
    ORGANIC SOLVENT EVAPORATION               0                 0                 0                19                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0              1061                 0
    OTHER/NOT CLASSIFIED                      6                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                     5936               176                22              1081                 4

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                105                 1                 3               295               884
        OPEN BURNING                         80                 3                20               107               340
        TOTAL (RESIDENTIAL)                 185                 4                23               402              1224

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  8                 1                 4                 4                10
        OPEN BURNING
                AREA SOURCES                  1                 0                 0                 2                 6
        TOTAL (COMM-INST)
                AREA SOURCES                  9                 1                 4                 6                16
```

```
SELECT CARD = <       019                                                          40>
STATE 04 COUNTY 0300 NOT FOUND IN POINT FILE
STATE 19 COUNTY 0580 NOT FOUND IN POINT FILE
STATE 19 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 19 COUNTY 3140 NOT FOUND IN POINT FILE
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
*****************************                                      AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
AQCR:043 NEW JERSEY-NEW YORK-CONNECTICUT                          POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES         SOX              NOX              VOC              CO
                             ************     ************     ************     ************     ************
                              TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL          109              298               33              109              989
            BITUMINOUS COAL           86              370               16               55              497
            DISTILLATE OIL          2485            28621            17887              696             4970
            NATURAL GAS              348               70            11570              612             2316
            WOOD                    8153               85              646            16925            50299
            TOTAL (RESIDENTIAL)    11179            29444            30152            18397            59071

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           89              245              197              194              124
            RESIDUAL OIL           17845           201841            76383             1013             5641
            DISTILLATE OIL           311             1038             2569               64              317
            NATURAL GAS              318               45            38439              545             4151
            PROCESS GAS               18                0               28                5               32
            TOTAL (ELEC GEN)       18581           203169           117616             1821            10265

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           2               19                9                0                0
            BITUMINOUS COAL
                POINT SOURCES        792             3846             1760                4               31
            RESIDUAL OIL
                POINT SOURCES       3216            18932            21214              558             2577
            DISTILLATE OIL
                AREA SOURCES         328             3281             3701              126              876
                POINT SOURCES        329             1878             1103             2247              197
            NATURAL GAS
                AREA SOURCES          60               12             6210             1172              703
                POINT SOURCES         16               44              840              149              118
            OTHER
                POINT SOURCES        220              457             2280               37              210
            TOTAL (INDUSTRIAL)
                AREA SOURCES         390             3312             9920             1298             1579
                POINT SOURCES       4573            25157            27197             2995             3133

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES         315             1044              377                1               25
                POINT SOURCES         57               13               10                0                0
```

```
                    AREA SOURCES                 21          5          10          14          34
                    POINT SOURCES                 0          0           2           0           0

     INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES                 21          2           2          21          37
                    POINT SOURCES                 1          0           0           0           1
          OPEN BURNING
                    AREA SOURCES                  8          0           4          12          40
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                 29          2           6          33          77
                    POINT SOURCES                 1          0           0           0           1

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES                558         17         117         909        2783
                    POINT SOURCES                48          5          14          47         141

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES             8181        398        7930        8353       78210
               LIGHT DUTY TRUCKS               4280        299        5384        5092       41307
               HEAVY DUTY VEHICLES              897         86        2709        2851       45398
               OFF HIGHWAY                       32         15         362         961       12149
               TOTAL (GASOLINE)               13390        798       16385       17257      177064

          DIESEL

               HEAVY DUTY VEHICLES             2749       1301       11770        1469        4488
               OFF HIGHWAY                      644        505        6069         927        1836
               RAIL                             228        516        3358         813        1179
               TOTAL (DIESEL)                  3621       2322       21197        3209        7503

     AIRCRAFT

          MILITARY                               81          5          41          95         197
          CIVIL                                   9          3          45         148        3014
          COMMERCIAL                              7         16         166         146         455
          TOTAL (AIRCRAFT)                       97         24         252         389        3666

     VESSELS

          RESIDUAL OIL                          126       1655         272          16           9
          GASOLINE                                0          2          18         385        1369
          TOTAL (VESSELS)                       126       1657         290         401        1378

     TOTAL (TRANSPORTATION)                   17234       4801       38124       21256      189611

MISCELLANEOUS (AREA)
********************

     STRUCTURAL FIRES                           118          0           7          89         479
     GASOLINE STA EVAP LOSS                       0          0           0        3191           0
     SOLVENT EVAPORATION LOSS                     0          0           0        5438           0
     UNPAVED ROADS                           519709          0           0           0           0
     UNPAVED AIRSTRIPS                           88          0           0           0           0
     TOTAL (MISCELLANEOUS)                   519915          0           7        8718         479

GRAND TOTAL
***********
```

```
*** I02 ***                                                                                    *** I02 ***
SELECT CARD = <46    220                                                        45>
```

```
*** I03 ***                                                                                    *** I03 ***
                POINT SOURCES           247          1094          410           40          124

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                1             9           14            1            3
            TOTAL (ELEC GEN)              1             9           14            1            3

        TOTAL (INTERNAL COMB)             1             9           14            1            3

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           4361          2329         1363         8681        26002
                POINT SOURCES           248          1103          424           41          127

INDUSTRIAL PROCESS (POINT)
**************************

    ORGANIC SOLVENT EVAPORATION           0             0            0          963            0
    TOTAL (INDUSTRIAL)                    0             0            0          963            0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            150             0            4          426         1276
        OPEN BURNING                    722            26          185          971         3087
        TOTAL (RESIDENTIAL)             872            26          189         1397         4363

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             36            11           18           22           51
        TOTAL (COMM-INST)
                AREA SOURCES             36            11           18           22           51

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              5             0            0            5           10
        TOTAL (INDUSTRIAL)
                AREA SOURCES              5             0            0            5           10

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            913            37          207         1424         4424

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        3579           218         4666         4283        40543
            LIGHT DUTY TRUCKS          1307           108         2302         2116        17361
            HEAVY DUTY VEHICLES         253            29         1042          909        14657
            OFF HIGHWAY                  21            11          231          611         7736
            TOTAL (GASOLINE)           5160           366         8241         7919        80297

        DIESEL

            HEAVY DUTY VEHICLES         704           377         3373          370         1116
            OFF HIGHWAY                 121            95         1142          175          345
            RAIL                          4            10           62           14           22
```

```
SELECT CARD = <48    222                                                                                    45>
STATE 48 COUNTY 0140 NOT FOUND IN POINT FILE
STATE 48 COUNTY 1840 NOT FOUND IN AREA FILE
STATE 48 COUNTY 1840 NOT FOUND IN POINT FILE
```

```
          DISTILLATE OIL
              POINT SOURCES           2            13            18             0             4
          NATURAL GAS
              AREA SOURCES            9             1           319            16            63
              POINT SOURCES           0             0             2             0             0
          TOTAL (COMM-INST)
              AREA SOURCES          121           434           420            20           118
              POINT SOURCES         164           765           226             2            61

      TOTAL (EXTERNAL COMB)
              AREA SOURCES         6517         13218          8665          9836         27781
              POINT SOURCES        4602         60506         28644           145         12324

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL              2             0            24             2             5
          NATURAL GAS                 2             0            56             2            16
          TOTAL (ELEC GEN)            4             0            80             4            21

      TOTAL (INTERNAL COMB)           4             0            80             4            21

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES         6517         13218          8665          9836         27781
              POINT SOURCES        4606         60506         28724           149         12345

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING           914          1142         16558          3584             9
   FOOD/AGRICULTURAL                195             0             0          1913             0
   SECONDARY METALS                 202           390             0            71           911
   MINERAL PRODUCTS                2042            27            14            31            15
   WOOD PRODUCTS                    720          2219            67          1443         12338
   ORGANIC SOLVENT EVAPORATION        3             0             0         14243             0
   PETROLEUM STORAGE/TRANSPORT      236             0            15          1804             1
   OTHER/NOT CLASSIFIED              26             0             0             0             0
   TOTAL (INDUSTRIAL)              4338          3778         16654         23089         13274

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION           67             1             1           193           586
      OPEN BURNING                 1112            40           284          1498          4753
      TOTAL (RESIDENTIAL)          1179            41           285          1691          5339

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES           94            29            44            55           133
      TOTAL (COMM-INST)
              AREA SOURCES           94            29            44            55           133

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES           55             9             9            51            79
              POINT SOURCES         142           350           108            34           436
      OPEN BURNING
              AREA SOURCES            6             0             3             9            30
      TOTAL (INDUSTRIAL)
              AREA SOURCES           61             9            12            60           109
```

```
SELECT CARD = <49    193                                                    45>
```

```
                POINT SOURCES              1           0          25           1           5
           TOTAL (COMM-INST)
                AREA SOURCES             545        3119        1533          57         346
                POINT SOURCES             44        1230         286           5          57

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            6573       15519       11259       11328       31103
                POINT SOURCES           2171        2674        2441         485         935

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            6573       15519       11259       11328       31103
                POINT SOURCES           2171        2674        2441         485         935

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               151           0           0           0           0
    FOOD/AGRICULTURAL                    621           0           0           0           0
    PRIMARY METAL                        803        1042           0           0       10717
    SECONDARY METALS                     126           0           9           0           0
    MINERAL PRODUCTS                    1090          55           0          50        2070
    PETROLEUM INDUSTRY                    64           0          31          15          21
    WOOD PRODUCTS                        997         595         223           4        5890
    ORGANIC SOLVENT EVAPORATION            0           0           0        1748           0
    PETROLEUM STORAGE/TRANSPORT            0           0           0        1366           0
    TOTAL (INDUSTRIAL)                  3852        1692         263        3183       18698

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             9           2           1           9          13
        TOTAL (GOVERNMENT)                 9           2           1           9          13

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             182           3           5         511        1533
        OPEN BURNING                     598          22         153         808        2561
        TOTAL (RESIDENTIAL)              780          25         158        1319        4094

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              11           3           5           6          17
                POINT SOURCES              2           3          17           0           0
        OPEN BURNING
                AREA SOURCES               7           0           3          13          35
        TOTAL (COMM-INST)
                AREA SOURCES              18           3           8          19          52
                POINT SOURCES              2           3          17           0           0

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES             22           1           4          16         185
        OPEN BURNING
                AREA SOURCES              38           1          13          65         230
        TOTAL (INDUSTRIAL)
                AREA SOURCES              38           1          13          65         230
                POINT SOURCES             22           1           4          16         185

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             836          29         179        1403        4376
                POINT SOURCES             33           6          22          25         198
```

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*** 108 ***                                                                                                              *** 108 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                 ********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY   NOVEMBER 28, 1983
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:113 CUMBERLAND-KEYSER                               POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                   PARTICULATES        SOX             NOX              VOC              CO
                                   ************    ************    ************    ************    ************
                                    TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 10              40               2               6              58
            DISTILLATE OIL                   2              18              11               0               3
            NATURAL GAS                      0               0               2               0               0
            WOOD                           315               3              25             655            1946
            TOTAL (RESIDENTIAL)            327              61              40             661            2007

        INDUSTRIAL FUEL

            DISTILLATE OIL
                AREA SOURCES                 0               4               4               0               1
            NATURAL GAS
                AREA SOURCES                 0               0              47              15               6
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 0               4              51              15               7

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 0               1               0               0               0
            BITUMINOUS COAL
                AREA SOURCES                 1               9               1               0               1
            DISTILLATE OIL
                AREA SOURCES                 0               3               2               0               1
            NATURAL GAS
                AREA SOURCES                 0               0               4               0               1
            TOTAL (COMM-INST)
                AREA SOURCES                 1              13               7               0               3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               328              78              98             676            2017

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               328              78              98             676            2017

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  49               0               0             472             394
    MINERAL PRODUCTS                       198              13             104               1               1
    WOOD PRODUCTS                           23              31             102               0            1018
    TOTAL (INDUSTRIAL)                     270              44             206             473            1413
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         *******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:232 CENTRAL WEST VIRGINIA             POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             174            716             33            116           1042
            DISTILLATE OIL                2             29             18              0              4
            NATURAL GAS                   6              0            227             12             45
            WOOD                       1673             17            132           3472          10317
            TOTAL (RESIDENTIAL)        1855            762            410           3600          11408

        INDUSTRIAL FUEL

            DISTILLATE OIL
                AREA SOURCES             12            140            157              5             38
            NATURAL GAS
                AREA SOURCES              5              0           1623            516            201
            WOOD
                POINT SOURCES             6              0              1              1              3
            TOTAL (INDUSTRIAL)
                AREA SOURCES             17            140           1780            521            239
                POINT SOURCES             6              0              1              1              3

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              0              4              0              0              0
            BITUMINOUS COAL
                AREA SOURCES              9             96             14              0              8
            DISTILLATE OIL
                AREA SOURCES              0             15             12              0              2
            NATURAL GAS
                AREA SOURCES              0              0             57              2             11
            TOTAL (COMM-INST)
                AREA SOURCES              9            115             83              2             21

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           1881           1017           2273           4123          11668
                POINT SOURCES             6              0              1              1              3

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1881           1017           2273           4123          11668
                POINT SOURCES             6              0              1              1              3

INDUSTRIAL PROCESS (POINT)
**************************
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```
SELECT CARD = <50    236                                                                45>
STATE 50 COUNTY 0860 NOT FOUND IN POINT FILE
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```
              NATURAL GAS                     22          149          295           28           77
              TOTAL (ELEC GEN)                22          149          295           28           77

          INDUSTRIAL FUEL

              DISTILLATE OIL                   0            0            5            0            1
              NATURAL GAS                      1            0          169            2            0
              TOTAL (INDUSTRIAL)               1            0          174            2            1

          ENGINE-TESTING

              TOTAL (ENG TESTNG)              11           10           91           50           49

          TOTAL (INTERNAL COMB)               34          159          560           80          127

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                18          102          565           58           98
                  POINT SOURCES              930        18046         5394          148          325

  INDUSTRIAL PROCESS (POINT)
  **************************

      FOOD/AGRICULTURAL                        1           10           10           29            2
      SECONDARY METALS                       226           34           25            9          360
      MINERAL PRODUCTS                        63            2            1            2            1
      ORGANIC SOLVENT EVAPORATION              0            0            0         6694            0
      TEXTILE MANUFACTURING                  117            0            0            0            0
      TOTAL (INDUSTRIAL)                     407           46           36         6734          363

  SOLID WASTE DISPOSAL
  ********************

      GOVERNMENT (POINT)

          MUNICIPAL INCINERATION              68            1           21            0            0
          TOTAL (GOVERNMENT)                  68            1           21            0            0

      RESIDENTIAL (AREA)

          ON SITE INCINERATION                65            1            2          184          552
          OPEN BURNING                       187            7           48          252          800
          TOTAL (RESIDENTIAL)                252            8           50          436         1352

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES                16            5            8            9           22
          OPEN BURNING
                  AREA SOURCES                 1            0            0            2            4
          TOTAL (COMM-INST)
                  AREA SOURCES                17            5            8           11           26

      INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES                 5            1            1            5            7
          OPEN BURNING
                  AREA SOURCES                 4            0            1            7           25
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                 9            1            2           12           32

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               278           14           60          459         1410
                  POINT SOURCES               68            1           21            0            0
```

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                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN        AQCR:238 NORTH CENTRAL WISCONSIN     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 38              443              276               12               78
         NATURAL GAS                    14                2              460               23               93
         WOOD                         5162               55              407            10719            31858
         TOTAL (RESIDENTIAL)          5214              500             1143            10754            32029

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               424            16285             6250               73              198
         DISTILLATE OIL                  0                6                5                0                1
         NATURAL GAS                     0                0                3                0                0
         TOTAL (ELEC GEN)              424            16291             6258               73              199

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             7423            43385            13094              108              975
         RESIDUAL OIL
            POINT SOURCES              228             6728             1148               25               90
         DISTILLATE OIL
            POINT SOURCES                0                3                2                0                0
         NATURAL GAS
            AREA SOURCES                 6                1              702              126               79
            POINT SOURCES                9                0              446                8               45
         WOOD
            POINT SOURCES             1089             1349             1503              634              583
         OTHER
            POINT SOURCES               15                0                0                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 6                1              702              126               79
            POINT SOURCES             8764            51465            16193              775             1693

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 0                7                0                0                0
         DISTILLATE OIL
            AREA SOURCES                 5               85               61                0               15
            POINT SOURCES                0                1                0                0                0
         NATURAL GAS
            AREA SOURCES                 6                0              234               13               67
            POINT SOURCES                1                0               56                0                6
         TOTAL (COMM-INST)
```

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*** I13 ***                                                                                  *** I13 ***
            POINT SOURCES                 793           13          156         1376        15902

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             5470          334         5549         9515       115267
         LIGHT DUTY TRUCKS               4475          392         5727         7934        98995
         HEAVY DUTY VEHICLES              616           70         1628         2761        55520
         OFF HIGHWAY                       29           15          314          839        10610
         TOTAL (GASOLINE)               10590          811        13218        21049       280372

      DIESEL

         HEAVY DUTY VEHICLES             3550         1858         8796         3784         9127
         OFF HIGHWAY                      893          699         8412         1285         2540
         RAIL                            2084         4750        30814         7483        10828
         TOTAL (DIESEL)                  6527         7307        48022        12552        22495

   AIRCRAFT

      MILITARY                             67            4           35           79          163
      CIVIL                                13            3           60          180         3598
      COMMERCIAL                            5           11          116          102          319
      TOTAL (AIRCRAFT)                     85           18          211          361         4080

   VESSELS

      GASOLINE                              0            3           22          508         1806
      TOTAL (VESSELS)                       0            3           22          508         1806

   TOTAL (TRANSPORTATION)               17202         8139        61673        34470       308753

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      2285           20          538         2579        18805
   FOREST MANAGED BURNING                1177            7          236          839         6583
   STRUCTURAL FIRES                       117            0            9           87          474
   GASOLINE STA EVAP LOSS                   0            0            0         3335            0
   SOLVENT EVAPORATION LOSS                 0            0            0         3190            0
   UNPAVED ROADS                       422290            0            0            0            0
   UNPAVED AIRSTRIPS                      120            0            0            0            0
   TOTAL (MISCELLANEOUS)               425989           27          783        10030        25862

GRAND TOTAL
***********

   AREA SOURCES                        448130        14755        93921        63027       364704

   POINT SOURCES                        32235       187379       205538        20164        84676

   TOTAL                               480365       202134       299459        83191       449380
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***************************

    MINERAL PRODUCTS                       1            0            0            0            0
    ORGANIC SOLVENT EVAPORATION            0            0            C          151            0
    PETROLEUM STORAGE/TRANSPORT            0            0            0         3731            0
    TOTAL (INDUSTRIAL)                     1            0            0         3882            0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             9            1            1            9           12
        OPEN BURNING                    2040          128          765         3825        10839
        TOTAL (GOVERNMENT)              2049          129          766         3834        10851

    TOTAL (SOLID WASTE DISP)
                POINT SOURCES           2049          129          766         3836        10851

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          944           67         1480         1359        11212
            LIGHT DUTY TRUCKS            182           17          339          315         2281
            TOTAL (GASOLINE)            1126           84         1819         1676        13493

        DIESEL

            HEAVY DUTY VEHICLES          179          103          914           93          278
            TOTAL (DIESEL)               179          103          914           93          278

    AIRCRAFT

        MILITARY                         303           20          155          356          735
        COMMERCIAL                         3            8           79           70          217
        TOTAL (AIRCRAFT)                 306           28          234          426          952

    VESSELS

        RESIDUAL OIL                       2           20            3            0            0
        TOTAL (VESSELS)                    2           20            3            0            0

    TOTAL (TRANSPORTATION)              1613          235         2970         2193        14723

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     320            3           75          362         2639
    GASOLINE STA EVAP LOSS                 0            0            0          342            0
    TOTAL (MISCELLANEOUS)                320            3           75          704         2639

GRAND TOTAL
***********

    AREA SOURCES                        1933          238         3045         2897        17362

    POINT SOURCES                       5235        49837        10086         7900        11490

    TOTAL                               7168        50075        13131        10797        28852
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                                                NATIONAL EMISSIONS DATA SYSTEM
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                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

AQCR EMISSIONS REPORT                                                                               RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-SOUTHERN MISSISSIPPI                               POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                   PARTICULATES           SOX              NOX              VOC              CO
                                   ************     ************     ************     ************     ************
                                    TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   2               12                0                1               15
            DISTILLATE OIL                    0               19               12                0                2
            NATURAL GAS                      47                4             1696               86              337
            WOOD                           9867              105              780            20478            60862
            TOTAL (RESIDENTIAL)            9916              140             2488            20565            61216

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               10162           279949           109864              318             3917
            RESIDUAL OIL                   2508             7695             1278               52              544
            DISTILLATE OIL                    4               87               51                3               10
            NATURAL GAS                     196               29            18929              230              958
            TOTAL (ELEC GEN)              12848           287760           130102              603             5429

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                797             8189             1759                4              226
                POINT SOURCES               492             2590              464                2               13
            RESIDUAL OIL
                POINT SOURCES              5711            54620             9545              691             1577
            DISTILLATE OIL
                AREA SOURCES                 26              263              296                5               67
                POINT SOURCES               318             9556             1292              475              990
            NATURAL GAS
                AREA SOURCES                 90               16            41926            15772             5597
                POINT SOURCES               504             1931            17949             3249             7679
            PROCESS GAS
                POINT SOURCES                 0                8                8                0                2
            WOOD
                POINT SOURCES              3946             5785             3514             9340             7373
            LIQUID PETROL GAS
                POINT SOURCES                 0                0               13                0                3
            TOTAL (INDUSTRIAL)
                AREA SOURCES                911             8466            63979            15781             5890
                POINT SOURCES             10971            74490            32785            13757            17637

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  6               19                7                0                0
            BITUMINOUS COAL
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              16                4                4               15               22
        OPEN BURNING
                AREA SOURCES              11                0                4               20               70
        TOTAL (INDUSTRIAL)
                AREA SOURCES              27                4                8               35               92

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             221                9               35              443             1330

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        14132              421             8594            12412           128163
            LIGHT DUTY TRUCKS           4883              207             4003             5518            49780
            HEAVY DUTY VEHICLES          372               26              757             1104            17341
            OFF HIGHWAY                   27               15              299              797            10073
            TOTAL (GASOLINE)           19414              669            13653            19831           205357

        DIESEL

            HEAVY DUTY VEHICLES         1811              682             3828             1311             9482
            OFF HIGHWAY                  192              150             1809              275              546
            RAIL                         213              485             3154              766             1109
            TOTAL (DIESEL)              2216             1317             8791             2352            11137

    AIRCRAFT

        MILITARY                         940               61              483             1106             2284
        CIVIL                              9                5               39              124             2478
        COMMERCIAL                        45              104             1082              959             2980
        TOTAL (AIRCRAFT)                 994              170             1604             2189             7742

    VESSELS

        GASOLINE                           0               32              179             3955            14099
        TOTAL (VESSELS)                    0               32              179             3955            14099

    TOTAL (TRANSPORTATION)             22624             2188            24227            28327           238335

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     587                5              138              663             4832
    STRUCTURAL FIRES                      26                0                3               20              109
    GASOLINE STA EVAP LOSS                 0                0                0             3365                0
    SOLVENT EVAPORATION LOSS               0                0                0             7369                0
    UNPAVED ROADS                     247916                0                0                0                0
    UNPAVED AIRSTRIPS                    318                0                0                0                0
    TOTAL (MISCELLANEOUS)             248847                5              141            11417             4941

GRAND TOTAL
***********

    AREA SOURCES                      272354             3487            25934            40871           246457

    POINT SOURCES                      11888            42191            84681             1372             2537

    TOTAL                             284242            45678           110615            42243           248994
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*** 117 ***                                                                                                   *** 117 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
*************************                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:019 MONROE-EL DORADO                                          POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES         SOX              NOX              VOC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                0               5                4                0                1
            NATURAL GAS                  16               1              555               29              112
            WOOD                       1615              17              128             3349             9953
            TOTAL (RESIDENTIAL)        1631              23              687             3378            10066

        ELEC GENERATION (POINT)

            RESIDUAL OIL                116            1328             1198                8               25
            NATURAL GAS                  30               6             5437               14              395
            TOTAL (ELEC GEN)            146            1334             6635               22              420

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            188            1345              384                1               49
            RESIDUAL OIL
                POINT SOURCES          1060           12832             2094               11              186
            DISTILLATE OIL
                AREA SOURCES             16             185              210                5               50
                POINT SOURCES            63            2277              632                6              158
            NATURAL GAS
                AREA SOURCES             11               2             5227             1970              699
                POINT SOURCES           496             231             9039               29             1054
            PROCESS GAS
                POINT SOURCES             9            1965              218                5               48
            WOOD
                POINT SOURCES          1988              57              902              562             1352
            BAGASSE
                POINT SOURCES             1               1                2                1                1
            OTHER
                POINT SOURCES             0              34               34                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            215            1532             5821             1976              798
                POINT SOURCES          3617           17377            12921              614             2799

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES            386            7192             1130               22              101
            DISTILLATE OIL
                AREA SOURCES              1              23               16                0                4
            NATURAL GAS
                AREA SOURCES              3               0              107                8               39
        BITUMINOUS COAL
            AREA SOURCES             12            82            12             0             9
            POINT SOURCES          1376           959           344             1            78
        RESIDUAL OIL
            AREA SOURCES           1476          6241          4318            85           392
            POINT SOURCES          1979         23580         16534           340          1471
        DISTILLATE OIL
            AREA SOURCES            244          3506          2435            38           609
            POINT SOURCES           729          8914          3455            60         10214
        NATURAL GAS
            AREA SOURCES            149            28          5006           264          1002
            POINT SOURCES            75            11          2401            93           551
        OTHER
            POINT SOURCES           267          3974          1818            70           501
        TOTAL (COMM-INST)
            AREA SOURCES           2196         10901         12148           388          2037
            POINT SOURCES          4483         37451         24562           564         12815

    TOTAL (EXTERNAL COMB)
            AREA SOURCES          13765         43657         52220         20083         62687
            POINT SOURCES         27637        265777        169375          5380         26213

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL              359          5599          3764           111           564
        NATURAL GAS                  84             3          3650           106          1021
        OTHER                         1             2            20             1             5
        TOTAL (ELEC GEN)            444          5604          7434           218          1590

    INDUSTRIAL FUEL

        GASOLINE                      0             0             0            20             0
        TOTAL (INDUSTRIAL)            0             0             0            20             0

    COMM-INSTITUTIONAL

        TOTAL (COMM-INST)            18            17           253            17            55

    ENGINE-TESTING

        TOTAL (ENG TESTNG)            5             6             7            21            15

    TOTAL (INTERNAL COMB)           467          5627          7694           276          1660

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES          13765         43657         52220         20083         62687
            POINT SOURCES         28104        271404        177069          5656         27873

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING         112317         14618          2740         35554          1781
  FOOD/AGRICULTURAL               10726            15           321          1411             8
  PRIMARY METAL                    1003            15           258           177          1087
  SECONDARY METALS                 6580          1549            61           228         16564
  MINERAL PRODUCTS                24905          3234           517           894           284
  PETROLEUM INDUSTRY               1831         26496          3027          2736          6060
  WOOD PRODUCTS                    5779             0             0           182             0
  ORGANIC SOLVENT EVAPORATION      2818             2            16        104296             2
  PETROLEUM STORAGE/TRANSPORT      3057             3             2        114776             3
  METAL FABRICATION                4870             9            26          1905             2
  TEXTILE MANUFACTURING             879             3             3           986             3
  OTHER/NOT CLASSIFIED            19371           984          2325         13058            94
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AREA SOURCES                          539260        23105        76443        44262       199525

POINT SOURCES                           5419       175712       113379        75736        84676

TOTAL                                 544679       198817       189822       119998       284201
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*** J02 ***                                                                                                             *** J02 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
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                                                  ENVIRONMENTAL PROTECTION AGENCY
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STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
***************************                                             AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:46 UTAH          AQCR:220 WASACH FRONT                           POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                                  PARTICULATES         SOX               NOX               VOC               CO
                                  ************     ************      ************      ************      ************
                                   TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 72              215                14                48               432
            DISTILLATE OIL                   0               19                 7                 0                 2
            NATURAL GAS                     71               14              2405               128               482
            WOOD                          1261               13                99              2620              7785
            TOTAL (RESIDENTIAL)           1404              261              2525              2796              8701

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               5790             8558             25188                94               749
            RESIDUAL OIL                     1               24                28                 0                 2
            DISTILLATE OIL                   0                5                14                 0                 3
            NATURAL GAS                      2                1               758                 5                58
            OTHER                          224              928                 4                 0              1082
            TOTAL (ELEC GEN)              6017             9516             25992                99              1894

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              1562             6919              2169                 7               280
                POINT SOURCES             4099             3747              2806                66               250
            RESIDUAL OIL
                AREA SOURCES                10              116                26                 0                 1
                POINT SOURCES              324             2942               828                 7                70
            DISTILLATE OIL
                AREA SOURCES                64              964               725                24               172
                POINT SOURCES                1               73                15                 0                 4
            NATURAL GAS
                AREA SOURCES                28                5             10838              3955              1435
                POINT SOURCES               25                4              2428                85               278
            PROCESS GAS
                POINT SOURCES              319             6445              3967                84               980
            OTHER
                POINT SOURCES                1                0                12                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES              1664             8004             13758              3986              1888
                POINT SOURCES             4769            13211             10056               242              1583

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               185              587               113                 5                67
                POINT SOURCES              478             1666               932                25               270
            RESIDUAL OIL
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*** J03 ***                                                                                          *** J03 ***
          TOTAL (DIESEL)                  829          482          4577          559          1483

   AIRCRAFT

      CIVIL                                 2            0            15           43           853
      TOTAL (AIRCRAFT)                      2            0            15           43           853

   VESSELS

      GASOLINE                              0            0             7          152           540
      TOTAL (VESSELS)                       0            0             7          152           540

   TOTAL (TRANSPORTATION)                5991          848         12840         8673         83173

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        56            0            11           63           455
   STRUCTURAL FIRES                        68            0             6           49           271
   GASOLINE STA EVAP LOSS                   0            0             0         1338             0
   SOLVENT EVAPORATION LOSS                 0            0             0         4164             0
   UNPAVED ROADS                        51654            0             0            0             0
   UNPAVED AIRSTRIPS                        7            0             0            0             0
   TOTAL (MISCELLANEOUS)                51785            0            17         5614           726

GRAND TOTAL
***********

   AREA SOURCES                         63050         3214         14427        24392        114325

   POINT SOURCES                          248         1103           424         1004           127

   TOTAL                                63298         4317         14851        25396        114452
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                                    NATIONAL EMISSIONS DATA SYSTEM
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                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

STATE/AQCR EMISSIONS REPORT                                           RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                AREA EMISSIONS AS OF:  TUESDAY   NOVEMBER 22, 1983
STATE:48 VIRGINIA       AQCR:222 CENTRAL VIRGINIA         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES       SOX              NOX             VOC              CO
                            ************   ************     ************    ************    ************
                             TONS / YR      TONS / YR        TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0              1                0               0               4
         BITUMINOUS COAL              45            143                9              31             273
         DISTILLATE OIL               46            518              323              11              89
         NATURAL GAS                   3              0              175               7              34
         WOOD                      16080            169             1270           33382           99216
         TOTAL (RESIDENTIAL)       16174            831             1777           33431           99616

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             585           3500             1160               3             149
            POINT SOURCES           5509           8000             4810              14             334
         RESIDUAL OIL
            POINT SOURCES            555           6545             1040               4              95
         DISTILLATE OIL
            POINT SOURCES             13            159               77               1              20
         NATURAL GAS
            AREA SOURCES               7              1             1448             408             177
            POINT SOURCES              9              0              173               4              30
         WOOD
            POINT SOURCES            612             23              264             299             702
         LIQUID PETROL GAS
            POINT SOURCES              0              3                9               0               2
         TOTAL (INDUSTRIAL)
            AREA SOURCES             592           3501             2608             411             326
            POINT SOURCES           6698          14730             6373             322            1183

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             51            130               59               0              21
         RESIDUAL OIL
            POINT SOURCES             16            195               30               0               2
         DISTILLATE OIL
            POINT SOURCES              0              7                3               0               1
         NATURAL GAS
            AREA SOURCES               1              0               97               2              17
         TOTAL (COMM-INST)
            AREA SOURCES               1              0               97               2              17
            POINT SOURCES             67            332               92               0              24

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           16767           4332             4482           33844           99959
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           POINT SOURCES                  142            350            108             34            436

    TOTAL (SOLID WASTE DISP)
           AREA SOURCES                  1334             79            341           1806           5581
           POINT SOURCES                  142            350            108             34            436

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         13486            518          11142          13953         139935
            LIGHT DUTY TRUCKS            2953            165           3329           3850          33527
            HEAVY DUTY VEHICLES          1386            107           3311           4357          68329
            OFF HIGHWAY                    52             26            578           1539          19450
            TOTAL (GASOLINE)            17877            816          18360          23699         261241

        DIESEL

            HEAVY DUTY VEHICLES          3352           1363          12519           1824           5648
            OFF HIGHWAY                    95             76            890            136            269
            RAIL                          168            379           2463            598            867
            TOTAL (DIESEL)               3615           1818          15872           2558           6784

    AIRCRAFT

        MILITARY                           97              6             50            114            236
        CIVIL                               2              1             12             44            868
        COMMERCIAL                         13             29            302            267            831
        TOTAL (AIRCRAFT)                  112             36            364            425           1935

    VESSELS

        DIESEL FUEL                        14             19            140             35             49
        GASOLINE                            0              5             38            815           2904
        TOTAL (VESSELS)                    14             24            178            850           2953

    TOTAL (TRANSPORTATION)              21618           2694          34774          27532         272913

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      176              0             41            197           1437
    FOREST MANAGED BURNING                386              0             76            275           2146
    STRUCTURAL FIRES                      279              0             24            208           1134
    GASOLINE STA EVAP LOSS                  0              0              0           3834              0
    SOLVENT EVAPORATION LOSS                0              0              0          12547              0
    UNPAVED ROADS                        6958              0              0              0              0
    TOTAL (MISCELLANEOUS)                7799              0            141          17061           4717

GRAND TOTAL
***********

    AREA SOURCES                        37268          15991          43921          56235         310992

    POINT SOURCES                        9086          64634          45486          23272          26055

    TOTAL                               46354          80625          89407          79507         337047
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*** J06 ***                                                                                              *** J06 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
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                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   MONDAY  NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:49 WASHINGTON      AQCR:193 PORTLAND                           POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             14              29               2               9              82
            DISTILLATE OIL               7             128              53               1              14
            NATURAL GAS                  2               0              54               2              12
            WOOD                      2985              32             234            6198           18420
            TOTAL (RESIDENTIAL)       3008             189             343            6210           18528

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          42071           63420           84395             174            1489
            LIGNITE                    104               0               0               0               0
            DISTILLATE OIL              72              19              12               0               2
            TOTAL (ELEC GEN)         42247           63439           84407             174            1491

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           114             498             127               0              17
            RESIDUAL OIL
                AREA SOURCES           313            3892             897               5              81
                POINT SOURCES          449            3716             790               5              84
            DISTILLATE OIL
                AREA SOURCES            21             307             231               8              55
                POINT SOURCES           24              10               4               0               2
            NATURAL GAS
                AREA SOURCES             5               1             989             278             121
                POINT SOURCES           48              16            2192              14             215
            PROCESS GAS
                POINT SOURCES            0              64               0               0               0
            WOOD
                POINT SOURCES         1291              72            1511             812            2572
            OTHER
                POINT SOURCES           96               0              56              12              11
            TOTAL (INDUSTRIAL)
                AREA SOURCES           453            4698            2244             291             274
                POINT SOURCES         1908            3878            4553             843            2884

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            36             101              18               0              11
            RESIDUAL OIL
                AREA SOURCES            14             192              45               0               4
            DISTILLATE OIL
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*** J07 ***                                                                                                   *** J07 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             44845          1427         31887         47825        498254
            LIGHT DUTY TRUCKS               13929           611         12849         18760        174020
            HEAVY DUTY VEHICLES              1141            81          2457          3537         55219
            OFF HIGHWAY                       132            71          1472          3916         49511
            TOTAL (GASOLINE)                60047          2190         48665         74038        777004

        DIESEL

            HEAVY DUTY VEHICLES              4819          1880         17318          2632          8171
            OFF HIGHWAY                       660           517          6214           947          1877
            RAIL                              481          1096          7111          1727          2499
            TOTAL (DIESEL)                   5960          3493         30643          5306         12547

    AIRCRAFT

        MILITARY                              368            24           189           432           894
        CIVIL                                  18            10            81           251          5021
        COMMERCIAL                             45           106          1097           972          3020
        TOTAL (AIRCRAFT)                      431           140          1367          1655          8935

    VESSELS

        DIESEL FUEL                           384           480          3583           895          1254
        RESIDUAL OIL                          303          3996           657            39            22
        GASOLINE                                0            21           119          2604          9281
        TOTAL (VESSELS)                       687          4497          4359          3538         10557

    TOTAL (TRANSPORTATION)                  67125         10320         85034         84537        809043

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          324             3            77           365          2663
    FOREST MANAGED BURNING                   9540            71          1908          6821         53424
    AGRICULTURAL BURNING                      105             0            15            98           704
    STRUCTURAL FIRES                          554             0            52           415          2251
    GASOLINE STA EVAP LOSS                      0             0             0          9339             0
    SOLVENT EVAPORATION LOSS                    0             0             0         30000             0
    UNPAVED ROADS                            2895             0             0             0             0
    UNPAVED AIRSTRIPS                         135             0             0             0             0
    TOTAL (MISCELLANEOUS)                   13553            74          2052         47038         59042

GRAND TOTAL
***********

    AREA SOURCES                            88087         25942         98524        144306        903564

    POINT SOURCES                            6056          4372          2726          3693         19831

    TOTAL                                   94143         30314        101250        147999        923395
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SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                    0                 0                 0                 1                 4
        OPEN BURNING                           30                 1                 8                41               129
        TOTAL (RESIDENTIAL)                    30                 1                 8                42               133

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   30                 1                 8                42               133

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                42                 4                85                72               564
            LIGHT DUTY TRUCKS                  25                 3                64                51               354
            HEAVY DUTY VEHICLES                17                 3                92                64              1048
            OFF HIGHWAY                         1                 0                10                26               329
            TOTAL (GASOLINE)                   85                10               251               213              2295

        DIESEL

            HEAVY DUTY VEHICLES                46                29               255                24                70
            OFF HIGHWAY                         4                 3                34                 5                10
            RAIL                                4                 9                61                15                21
            TOTAL (DIESEL)                     54                41               350                44               101

    AIRCRAFT

        CIVIL                                   0                 0                 0                 1                29
        TOTAL (AIRCRAFT)                        0                 0                 0                 1                29

    TOTAL (TRANSPORTATION)                    139                51               601               258              2425

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           21                 0                 5                24               171
    STRUCTURAL FIRES                            3                 0                 0                 2                10
    GASOLINE STA EVAP LOSS                      0                 0                 0                40                 0
    SOLVENT EVAPORATION LOSS                    0                 0                 0               167                 0
    UNPAVED ROADS                            1361                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                    1385                 0                 5               233               181

GRAND TOTAL
***********

    AREA SOURCES                             1882               130               712              1209              4756

    POINT SOURCES                             270                44               206               473              1413

    TOTAL                                    2152               174               918              1682              6169
    CHEMICAL MANUFACTURING                    38           0           0           0           0
    MINERAL PRODUCTS                         472         444         189         117           8
    WOOD PRODUCTS                              0           0           0         164         140
    TOTAL (INDUSTRIAL)                       510         444         189         281         148

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   8           0           0          24          70
        OPEN BURNING                         510          18         131         690        2186
        TOTAL (RESIDENTIAL)                  518          18         131         714        2256

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 78           2          11         152         360
        TOTAL (INDUSTRIAL)
                POINT SOURCES                 78           2          11         152         360

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 518          18         131         714        2256
                POINT SOURCES                 78           2          11         152         360

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              870          76        1578        1322       10769
            LIGHT DUTY TRUCKS                561          64        1252         975        7009
            HEAVY DUTY VEHICLES              387          55        1913        1397       22849
            OFF HIGHWAY                       10           4         120         315        3979
            TOTAL (GASOLINE)                1828         197        4863        4009       44606

        DIESEL

            HEAVY DUTY VEHICLES              412         248        2196         211         632
            OFF HIGHWAY                       36          28         333          52         102
            RAIL                              67         150         971         236         342
            TOTAL (DIESEL)                   515         426        3500         499        1076

    AIRCRAFT

        CIVIL                                  1           0           6          18         387
        TOTAL (AIRCRAFT)                       1           0           6          18         387

    VESSELS

        DIESEL FUEL                            0           0           6           2           2
        TOTAL (VESSELS)                        0           0           6           2           2

    TOTAL (TRANSPORTATION)                  2344         623        8375        4528       46071

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         850           6         199         959        6993
    STRUCTURAL FIRES                          43           0           2          32         174
    GASOLINE STA EVAP LOSS                     0           0           0         497           0
    SOLVENT EVAPORATION LOSS                   0           0           0        2288           0
    UNPAVED ROADS                          50670           0           0           0           0
```

```
*** J10 ***                                                                                              *** J10 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                      AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:236 SOUTHERN WEST VIRGINIA          POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                PARTICULATES        SOX              NOX              VOC               CO
                                ************    ************     ************     ************     ************
                                 TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 658            2719              131              440             3946
         DISTILLATE OIL                   11             127               81                2               23
         NATURAL GAS                      11               1              379               20               75
         WOOD                           1314              16              103             2727             8102
         TOTAL (RESIDENTIAL)            1994            2861              694             3189            12146

      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES                   5              50               57                1               13
         NATURAL GAS
            AREA SOURCES                   1               0              611              193               75
         WOOD
            POINT SOURCES                  9               0                2                2                5
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   6              50              668              194               88
            POINT SOURCES                  9               0                2                2                5

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                   5              19                7                0                0
         BITUMINOUS COAL
            AREA SOURCES                  42             336               57                2               34
         DISTILLATE OIL
            AREA SOURCES                   3              66               47                0               11
         NATURAL GAS
            AREA SOURCES                   5               0              176               10               35
         TOTAL (COMM-INST)
            AREA SOURCES                  55             421              287               12               80

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                2055            3332             1649             3395            12314
            POINT SOURCES                  9               0                2                2                5

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                2055            3332             1649             3395            12314
            POINT SOURCES                  9               0                2                2                5

INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** J11 ***                                                                                                  *** J11 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             2162             77             1745             2360             25071
            LIGHT DUTY TRUCKS                592             29              620              839              7868
            HEAVY DUTY VEHICLES              114              9              285              371              5807
            OFF HIGHWAY                        8              4               93              248              3130
            TOTAL (GASOLINE)                2876            119             2743             3818             41876

        DIESEL

            HEAVY DUTY VEHICLES              280            118             1075              152               469
            OFF HIGHWAY                       42             33              393               60               119
            RAIL                              16             36              237               58                83
            TOTAL (DIESEL)                   338            187             1705              270               671

    AIRCRAFT

        MILITARY                              16              1                8               19                40
        CIVIL                                  2              1               10               29               589
        COMMERCIAL                             1              3               30               27                83
        TOTAL (AIRCRAFT)                      19              5               48               75               712

    VESSELS

        GASOLINE                               0              0                1               20                70
        TOTAL (VESSELS)                        0              0                1               20                70

    TOTAL (TRANSPORTATION)                  3233            311             4497             4183             43329

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                          38              0                4               28               154
    GASOLINE STA EVAP LOSS                     0              0                0              707                 0
    SOLVENT EVAPORATION LOSS                   0              0                0             2228                 0
    UNPAVED ROADS                           2262              0                0                0                 0
    TOTAL (MISCELLANEOUS)                   2300              0                4             2963               154

GRAND TOTAL
***********

    AREA SOURCES                            5829            427             5126             7663             44991

    POINT SOURCES                           1405          18093             5451             6882               688

    TOTAL                                   7234          18520            10577            14545             45679
```

```
               AREA SOURCES             11            92           295            13            62
               POINT SOURCES             1             1            56             0             6

         TOTAL (EXTERNAL COMB)
               AREA SOURCES           5231           593          2140         10893         32170
               POINT SOURCES          9189         67757         22507           848          1898

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             NATURAL GAS                 0             0            46             5            20
             TOTAL (ELEC GEN)            0             0            46             5            20

         TOTAL (INTERNAL COMB)           0             0            46             5            20

     TOTAL (FUEL COMBUSTION)

               AREA SOURCES           5231           593          2140         10893         32170
               POINT SOURCES          9189         67757         22553           853          1918

INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                 314             0            14             1             2
     SECONDARY METALS                   60             3             0             0           489
     MINERAL PRODUCTS                 2719            36            33             6             9
     WOOD PRODUCTS                    7139         13524          2935           110          6156
     ORGANIC SOLVENT EVAPORATION         0             0             6          2916             0
     METAL FABRICATION                  36             0             3             0             1
     TOTAL (INDUSTRIAL)              10268         13561          2991          3033          6657

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION          160             2             4           454          1363
         OPEN BURNING                  457            15           117           617          1960
         TOTAL (RESIDENTIAL)           617            17           121          1071          3323

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES             39            12            20            25            58
         OPEN BURNING
               AREA SOURCES              1             0             0             2             4
         TOTAL (COMM-INST)
               AREA SOURCES             40            12            20            27            62

     INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES             10             1             1            10            17
               POINT SOURCES            15            11            18            81           850
         OPEN BURNING
               AREA SOURCES             10             0             5            15            50
         TOTAL (INDUSTRIAL)
               AREA SOURCES             20             1             6            25            67
               POINT SOURCES            15            11            18            81           850

     TOTAL (SOLID WASTE DISP)
               AREA SOURCES            677            30           147          1123          3452
               POINT SOURCES            15            11            18            81           850

TRANSPORTATION (AREA)
```

```
SELECT CARD = <52    241                                                                    65>
SELECT CARD = <54    246                                                           65>
STATE 54 COUNTY 0050 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0050 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0090 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0090 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0110 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0110 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0130 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0130 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0150 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0150 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0170 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0170 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0190 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0190 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0210 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0210 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0230 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0230 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0270 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0270 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0290 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0310 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0310 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0350 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0350 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0370 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0370 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0410 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0410 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0430 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0430 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0450 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0450 NOT FOUND IN POINT FILE
STATE 54 COUNTY 0470 NOT FOUND IN AREA FILE
STATE 54 COUNTY 0470 NOT FOUND IN POINT FILE
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                AREA SOURCES                 24          156           20            1           12
          RESIDUAL OIL
                AREA SOURCES                717        11539         2103           40          190
                POINT SOURCES              1003          470           82            2            7
          DISTILLATE OIL
                AREA SOURCES                 16          250          176            1           41
                POINT SOURCES                 1           12            6            0            2
          NATURAL GAS
                AREA SOURCES                 21            2          822           39          164
                POINT SOURCES                27            6         2494           24          317
          TOTAL (COMM-INST)
                AREA SOURCES                784        11966         3128           81          407
                POINT SOURCES              1031          488         2582           26          326

      TOTAL (EXTERNAL COMB)
                AREA SOURCES              11611        20572        49595        36627        67513
                POINT SOURCES             24850       362738       165469        14386        23392

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                      0            1           13            1            3
          TOTAL (ELEC GEN)                    0            1           13            1            3

      TOTAL (INTERNAL COMB)                   0            1           13            1            3

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES              11611        20572        49595        36627        67513
                POINT SOURCES             24850       362739       165482        14387        23395

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  5993        78419        10264         3355         2138
   FOOD/AGRICULTURAL                        405            0            0          213            0
   PRIMARY METAL                           3757          777            0            0            0
   SECONDARY METALS                         240          473            1          158          259
   MINERAL PRODUCTS                        7507         1951         1058          106          569
   PETROLEUM INDUSTRY                      2175        65082         8068        14538        26795
   WOOD PRODUCTS                          15392        17590         6824          932        55319
   ORGANIC SOLVENT EVAPORATION               63            2           16         4546         2048
   PETROLEUM STORAGE/TRANSPORT              156            0            0        10085            0
   OTHER/NOT CLASSIFIED                     131         1558            0           17            0
   TOTAL (INDUSTRIAL)                     35819       165852        26231        33950        85128

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                342           29           36           17          399
      OTHER INCINERATION                    546            5           27            5            0
      TOTAL (GOVERNMENT)                    888           34           61           22          399

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 1056           11           28         2977         8930
      OPEN BURNING                         3726          136          953         5026        15941
      TOTAL (RESIDENTIAL)                  4782          147          981         8003        24871

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES                  0            0            0            0            2
```

```
SELECT CARD = <      014                                                                     60>
STATE 06 COUNTY 0100 NOT FOUND IN POINT FILE
STATE 06 COUNTY 0640 NOT FOUND IN POINT FILE
STATE 06 COUNTY 1980 NOT FOUND IN POINT FILE
STATE 46 COUNTY 0400 NOT FOUND IN POINT FILE
STATE 46 COUNTY 1280 NOT FOUND IN POINT FILE
STATE 46 COUNTY 1320 NOT FOUND IN POINT FILE
```

```
            TOTAL (COMM-INST)
                AREA SOURCES                 390              7215              1343                30               144

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                2236              8770              7851              5384             11008
                POINT SOURCES               3763             18711             19556               636              3219

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    13                13               165                 7                20
            NATURAL GAS                        5                 1              1139                26               104
            TOTAL (ELEC GEN)                  18                14              1284                33               124

        INDUSTRIAL FUEL

            NATURAL GAS                       63                 9             17306              1242              2211
            TOTAL (INDUSTRIAL)                63                 9             17306              1242              2211

        TOTAL (INTERNAL COMB)                 81                23             18590              1275              2335

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                2236              8770              7851              5384             11008
                POINT SOURCES               3844             18734             38146              1911              5554

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               652              4843                87                76                 4
    SECONDARY METALS                       1                 1                 1                 1                 1
    MINERAL PRODUCTS                     189                11                 6                64               211
    PETROLEUM INDUSTRY                   779              9529              1395              6570             70161
    WOOD PRODUCTS                       4703              2709              1292              1432             28978
    ORGANIC SOLVENT EVAPORATION            0                 0                 0                71                 0
    PETROLEUM STORAGE/TRANSPORT            0                 0                 0              2638                 0
    OTHER/NOT CLASSIFIED                   2                 2                 3                 2                 2
    TOTAL (INDUSTRIAL)                  6326             17095              2784             10854             99357

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             129                 1                 1               360              1084
        OPEN BURNING                    1116                43               286              1502              4762
        TOTAL (RESIDENTIAL)             1243                44               287              1862              5846

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   8                 2                 3                 5                12
                POINT SOURCES                 14                 1                 4                14                42
        TOTAL (COMM-INST)
                AREA SOURCES                   8                 2                 3                 5                12
                POINT SOURCES                 14                 1                 4                14                42

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   5                 0                 0                 5                10
                POINT SOURCES                 97                 7               167                97               721
        OPEN BURNING
                AREA SOURCES                   2                 0                 1                 3                10
                POINT SOURCES                160                 0                19                38               471
    TOTAL (INDUSTRIAL)                     194116        46928         9296       276203        25888

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              22438         3616         3966         2230        50514
        OTHER INCINERATION                     14            0            2            0            0
        TOTAL (GOVERNMENT)                  22452         3614         3968         2230        50514

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 2273           35           71         6394        19183
        OPEN BURNING                         8480          316         2172        11440        36285
        TOTAL (RESIDENTIAL)                 10753          351         2243        17834        55468

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 4805         1517         2274         2780         6573
                POINT SOURCES                 889          240          298          423         1089
        OPEN BURNING
                AREA SOURCES                   26            0            9           52          141
        TOTAL (COMM-INST)
                AREA SOURCES                 4831         1517         2283         2832         6714
                POINT SOURCES                 889          240          298          423         1089

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  353           71           71          319          472
                POINT SOURCES                1516         1157          965         6833         9143
        OPEN BURNING
                AREA SOURCES                  188            7           64          328         1150
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  541           78          135          667         1622
                POINT SOURCES                1516         1157          965         6833         9143

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                16125         1966         4661        21313        63804
                POINT SOURCES               24855         5011         5231         9486        60746

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            297211         8996       195463       286253      3097641
            LIGHT DUTY TRUCKS               27667         1146        22696        32279       311770
            HEAVY DUTY VEHICLES             10639          731        21814        32800       511039
            OFF HIGHWAY                       637          342         7095        18876       238642
            TOTAL (GASOLINE)               336154        11215       247068       370208      4158892

        DIESEL

            HEAVY DUTY VEHICLES             20728         7912        73056        11345        35286
            OFF HIGHWAY                       673          527         6345          967         1919
            RAIL                              495         1128         7333         1780         2578
            TOTAL (DIESEL)                  21896         9567        86734        14092        39783

    AIRCRAFT

        MILITARY                              106            6           55          126          259
```

```
*** K01 ***                                                                                                               *** K01 ***
SELECT CARD = <46                                                                             25>
```

```
*** K02 ***                                                                                                   *** K02 ***
               POINT SOURCES                8             30             12              1              0
           DISTILLATE OIL
               POINT SOURCES              112            510            373             18             34
           NATURAL GAS
               POINT SOURCES               27             29            189             12             29
           LIQUID PETROL GAS
               POINT SOURCES                0              0              1              0              0
           TOTAL (COMM-INST)
               AREA SOURCES               185            587            113              5             67
               POINT SOURCES              625           2235           1507             56            333

       TOTAL (EXTERNAL COMB)
               AREA SOURCES              3253           8852          16396           6787          10656
               POINT SOURCES            11411          24962          37555            397           3810

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                   1              1              8              1              2
           NATURAL GAS                      3              0            180              5             36
           TOTAL (ELEC GEN)                 4              1            188              6             38

       TOTAL (INTERNAL COMB)                4              1            188              6             38

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES              3253           8852          16396           6787          10656
               POINT SOURCES            11415          24963          37743            403           3848

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 38          28782             88              2              2
    PRIMARY METAL                        3185           4352              1              1           3258
    SECONDARY METALS                     1657             67             23              1          10225
    MINERAL PRODUCTS                     5295           1190            895            240            495
    PETROLEUM INDUSTRY                    691          11417           2534           4501            972
    ORGANIC SOLVENT EVAPORATION             0              0              0            170              0
    PETROLEUM STORAGE/TRANSPORT             0              0              0           2519              0
    OTHER/NOT CLASSIFIED                  460           1087           4634             69            383
    TOTAL (INDUSTRIAL)                  11326          46895           8175           7503          15335

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            165             82             65            491            655
        OPEN BURNING                        2              0              1              3             10
        TOTAL (GOVERNMENT)                167             82             66            494            665

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               99              2              3            278            833
        OPEN BURNING                       80              3             20            107            340
        TOTAL (RESIDENTIAL)               179              5             23            385           1173

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
            AREA SOURCES                   94             29             44             54            129
        TOTAL (COMM-INST)
            AREA SOURCES                   94             29             44             54            129

    INDUSTRIAL
```

```
SELECT CARD = <48                                                             25>
```

POINT SOURCES	6765	15062	6465	322	1207
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	16767	4332	4482	33844	99959
POINT SOURCES	6765	15062	6465	322	1207
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	1280	0	0	2606	977
FOOD/AGRICULTURAL	22	0	0	0	0
SECONDARY METALS	187	156	48	2	23326
MINERAL PRODUCTS	3170	110	106	30	14
WOOD PRODUCTS	1534	52	14	3397	430
ORGANIC SOLVENT EVAPORATION	540	0	54	9167	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	898	0
METAL FABRICATION	0	0	125	0	0
TEXTILE MANUFACTURING	41	0	0	1134	0
OTHER/NOT CLASSIFIED	41	0	0	185	0
TOTAL (INDUSTRIAL)	6815	318	347	17419	24747
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	21	0	0	60	190
OPEN BURNING	1055	39	269	1425	4519
TOTAL (RESIDENTIAL)	1076	39	269	1485	4709
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	25	5	11	14	38
TOTAL (COMM-INST)					
AREA SOURCES	25	5	11	14	38
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	21	1	1	20	39
POINT SOURCES	70	12	11	68	95
OPEN BURNING					
AREA SOURCES	6	0	3	9	30
TOTAL (INDUSTRIAL)					
AREA SOURCES	27	1	4	29	69
POINT SOURCES	70	12	11	68	95
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1128	45	284	1528	4816
POINT SOURCES	70	12	11	68	95
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	6619	524	11999	11189	90943
LIGHT DUTY TRUCKS	1964	210	4421	3951	28162
HEAVY DUTY VEHICLES	458	66	2202	1647	26905
OFF HIGHWAY	42	21	473	1263	15961
TOTAL (GASOLINE)	9083	821	19095	18050	161971

```
SELECT CARD = <48    226                                                                             45>
STATE 48 COUNTY 0860 NOT FOUND IN POINT FILE
STATE 48 COUNTY 1140 NOT FOUND IN POINT FILE
```

```
                AREA SOURCES               1              21              11               0               2
            NATURAL GAS
                AREA SOURCES               1               0              64               4              12
                POINT SOURCES              3               0              20               0               5
            TOTAL (COMM-INST)
                AREA SOURCES              52             314             138               4              29
                POINT SOURCES              3               0              20               0               5

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            3513            5201            2725            6505           18831
                POINT SOURCES          44158           67317           88980            1017            4380

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                    9               0             249               4              78
            TOTAL (INDUSTRIAL)             9               0             249               4              78

        TOTAL (INTERNAL COMB)              9               0             249               4              78

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            3513            5201            2725            6505           18831
                POINT SOURCES          44167           67317           89229            1021            4458

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              4575              66               2             414              30
    FOOD/AGRICULTURAL                    710               0               1             231               8
    PRIMARY METAL                       2800             872             135            1178           39501
    SECONDARY METALS                      99               0               0               0              22
    MINERAL PRODUCTS                     558              24              14              54               8
    WOOD PRODUCTS                       3537            1357            9425            9106            6994
    ORGANIC SOLVENT EVAPORATION           86               0               0            1201               0
    PETROLEUM STORAGE/TRANSPORT            0               0               0             531               0
    METAL FABRICATION                      8               0               0               0               0
    TEXTILE MANUFACTURING                  4               0               0               0               0
    TOTAL (INDUSTRIAL)                 12377            2319            9577           12715           46563

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                      11               0               3              18              79
        OTHER INCINERATION                11               0               6               1               0
        TOTAL (GOVERNMENT)                22               0               9              19              79

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             270               4               9             760            2280
        OPEN BURNING                     328              11              83             445            1408
        TOTAL (RESIDENTIAL)              598              15              92            1205            3688

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES              2               0             900               0               0
        TOTAL (COMM-INST)
                POINT SOURCES              2               0             900               0               0

    INDUSTRIAL

        ON SITE INCINERATION
```

```
*** K07 ***                                                                                                    *** K07 ***
SELECT CARD = <69    230                                                      45>
SELECT CARD = <50    179                                        45>
```

```
   TOTAL (MISCELLANEOUS)                      51563               6              201             3776             7167

GRAND TOTAL
***********

     AREA SOURCES                             56306            1664            10980            13141            67162

     POINT SOURCES                              594             446              201              434              511

     TOTAL                                    56900            2110            11181            13575            67673
```

```
    SECONDARY METALS                    1            0            0            0            0
    MINERAL PRODUCTS                 3053         5221         2070         1267           32
    TOTAL (INDUSTRIAL)               3054         5221         2070         1267           32

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           18            0            0           49          147
        OPEN BURNING                 1200           44          306         1618         5133
        TOTAL (RESIDENTIAL)          1218           44          306         1667         5280

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES          51            1            9           78          913
        OPEN BURNING
                AREA SOURCES            4            0            2            6           20
        TOTAL (INDUSTRIAL)
                AREA SOURCES            4            0            2            6           20
                POINT SOURCES          51            1            9           78          913

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         1222           44          308         1673         5300
                POINT SOURCES          51            1            9           78          913

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      2101          148         3081         2648        23070
            LIGHT DUTY TRUCKS        1048          101         1982         1607        12196
            HEAVY DUTY VEHICLES       801          106         3602         2830        46048
            OFF HIGHWAY                25           14          281          749         9460
            TOTAL (GASOLINE)         3975          369         8946         7834        90774

        DIESEL

            HEAVY DUTY VEHICLES       739          424         3765          384         1151
            OFF HIGHWAY                48           36          446           69          134
            RAIL                      156          355         2299          558          807
            TOTAL (DIESEL)            943          815         6510         1011         2092

    AIRCRAFT

        CIVIL                           1            0            9           25          495
        TOTAL (AIRCRAFT)                1            0            9           25          495

    VESSELS

        DIESEL FUEL                     0            0            3            1            1
        GASOLINE                        0            1            7          140          497
        TOTAL (VESSELS)                 0            1           10          141          498

    TOTAL (TRANSPORTATION)           4919         1185        15475         9011        93859

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                5067           46         1191         5723        41726
     STRUCTURAL FIRES                 108            0           10           79          436
```

```
*** K11 ***                                                                                                           *** K11 ***
SELECT CARD = <51    128                                                                  45>
```

```
*** K12 ***                                                                                                    *** K12 ***
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           4772            253            5704            5989           57690
            LIGHT DUTY TRUCKS             1720            127            2775            2856           23816
            HEAVY DUTY VEHICLES            400             42            1421            1373           21969
            OFF HIGHWAY                     32             17             348             925           11697
            TOTAL (GASOLINE)              6924            439           10248           11143          115172

        DIESEL

            HEAVY DUTY VEHICLES           1167            582            5257             620            1882
            OFF HIGHWAY                    164            128            1531             233             461
            RAIL                            47            100             659             162             230
            TOTAL (DIESEL)                1378            810            7447            1015            2573

    AIRCRAFT

        CIVIL                                3              0              16              52            1034
        TOTAL (AIRCRAFT)                     3              0              16              52            1034

    VESSELS

        GASOLINE                             0             28             154            3349           11936
        TOTAL (VESSELS)                      0             28             154            3349           11936

    TOTAL (TRANSPORTATION)                8305           1277           17865           15559          130715

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       422              3              99             477            3474
    STRUCTURAL FIRES                        95              0               9              70             381
    GASOLINE STA EVAP LOSS                   0              0               0            1568               0
    SOLVENT EVAPORATION LOSS                 0              0               0            5171               0
    UNPAVED ROADS                        93511              0               0               0               0
    TOTAL (MISCELLANEOUS)                94028              3             108            7286            3855

GRAND TOTAL
***********

    AREA SOURCES                        108241           1903           20260           34861          170192

    POINT SOURCES                        19472          81329           25562            3967            9425

    TOTAL                               127713          83232           45822           38828          179617
```

```
*** K13 ***                                                                                                           *** K13 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
STATE:52 WYOMING        AQCR:241 CASPER                              POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                32              68               7              22             196
         DISTILLATE OIL                  0               3               1               0               0
         NATURAL GAS                     6               1             160               9              33
         WOOD                          930              10              74            1932            5745
         TOTAL (RESIDENTIAL)           968              82             242            1963            5974

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              1616           29419           36023             120            1029
         DISTILLATE OIL                  0              49               8               0               2
         TOTAL (ELEC GEN)             1616           29468           36031             120            1031

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 5              60              16               0               1
            POINT SOURCES              142            1884             681               3              62
         DISTILLATE OIL
            AREA SOURCES                29             633             326              11              78
         NATURAL GAS
            AREA SOURCES                 5               1            3038            1176             409
            POINT SOURCES                0               0              13               0               3
         PROCESS GAS
            POINT SOURCES                6            1040             294               6              73
         TOTAL (INDUSTRIAL)
            AREA SOURCES                39             694            3380            1187             488
            POINT SOURCES              148            2924             988               9             138

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                53             170              57               5              33
         RESIDUAL OIL
            AREA SOURCES                 0               4               1               0               0
         DISTILLATE OIL
            AREA SOURCES                 2              42              19               0               5
         NATURAL GAS
            AREA SOURCES                 0               0              25               1               5
         TOTAL (COMM-INST)
            AREA SOURCES                55             216             102               6              43

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              1062             992            3724            3156            6505
```

```
*** K14 ***                                                                                              *** K14 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       **********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
*****************************                                          AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:54 GUAM           AQCR:246 GUAM                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       ELEC GENERATION (POINT)

          RESIDUAL OIL               2916          37259           5772             68            404
          TOTAL (ELEC GEN)           2916          37259           5772             68            404

       INDUSTRIAL FUEL

          DISTILLATE OIL
             POINT SOURCES              7            402             74              1             19
          NATURAL GAS
             POINT SOURCES              0              0             14              1              3
          TOTAL (INDUSTRIAL)
             POINT SOURCES              7            402             88              2             22

       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             POINT SOURCES              5             67              8              0              1
          DISTILLATE OIL
             POINT SOURCES              1             58             11              0              3
          TOTAL (COMM-INST)
             POINT SOURCES              6            125             19              0              4

       TOTAL (EXTERNAL COMB)
             POINT SOURCES           2929          37786           5879             70            430

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL              245          11910           3283            103            174
          OTHER                         4              5             54              4             12
          TOTAL (ELEC GEN)            249          11915           3337            107            186

       COMM-INSTITUTIONAL

          TOTAL (COMM-INST)             7              7            104              7             23

       TOTAL (INTERNAL COMB)          256          11922           3441            114            209

    TOTAL (FUEL COMBUSTION)

             POINT SOURCES           3185          49708           9320            184            639

INDUSTRIAL PROCESS (POINT)
```

```
*** K15 ***                                                                                                          *** K15 **
                POINT SOURCES                      0              1451                 0                 0                 0
        OPEN BURNING
                AREA SOURCES                      13                 0                 4                23                60
        TOTAL (COMM-INST)
                AREA SOURCES                      13                 0                 4                23                62
                POINT SOURCES                      0              1451                 0                 0                 0

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                       4                 0                 0                 4                 8
                POINT SOURCES                    169               105               635               104               131
        OPEN BURNING
                AREA SOURCES                      58                 0                26                95               330
        TOTAL (INDUSTRIAL)
                AREA SOURCES                      62                 0                26                99               338
                POINT SOURCES                    169               105               635               104               131

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                    4857               167              1011              8125             25271
                POINT SOURCES                   1057              1590               696               126               530

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                45616              1776             37256             45791            453289
            LIGHT DUTY TRUCKS                  11867               683             13161             15031            127984
            HEAVY DUTY VEHICLES                 2757               238              7318              8527            135265
            OFF HIGHWAY                          126                64              1373              3649             46156
            TOTAL (GASOLINE)                   60366              2761             59108             72998            762694

        DIESEL

            HEAVY DUTY VEHICLES                 7851              3408             31063              4243             13052
            OFF HIGHWAY                         1332              1040             12516              1904              3783
            RAIL                                 629              1433              9296              2257              3267
            TOTAL (DIESEL)                      9812              5881             52875              8404             20102

    AIRCRAFT

        MILITARY                               10692               693              5491             12577             25970
        CIVIL                                     12                 5                70               218              4373
        COMMERCIAL                                18                41               420               372              1155
        TOTAL (AIRCRAFT)                       10722               739              5981             13167             31498

    VESSELS

        DIESEL FUEL                              276               345              2575               643               902
        RESIDUAL OIL                             959             12635              2077               124                69
        GASOLINE                                   0                62               370              8127             28956
        TOTAL (VESSELS)                         1235             13042              5022              8894             29927

    TOTAL (TRANSPORTATION)                     82135             22423            122986            103463            844221

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                            5038                38              1183              5686             61658
    FOREST MANAGED BURNING                     12718                93              2543              9096             71218
    AGRICULTURAL BURNING                         396                 0                57               365              2622
    STRUCTURAL FIRES                             607                 0                54               451              2457
    GASOLINE STA EVAP LOSS                         0                 0                 0             11576                 0
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

AQCR EMISSIONS REPORT                                                              RUN DATE:    MONDAY   NOVEMBER 28, 1983
*********************                                                 AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
AQCR:014 FOUR CORNERS                                                POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX               NOX               VOC               CO
                              ************     ************      ************      ************      ************
                               TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             106              359                21                72               637
         DISTILLATE OIL                1               34                13                 0                 4
         NATURAL GAS                  14                1               461                23                90
         WOOD                       9197               95               727             19094             56749
         TOTAL (RESIDENTIAL)        9318              489              1222             19189             57480

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           33952           171629            166772              1606              9008
         DISTILLATE OIL                0              180                89                 2                39
         NATURAL GAS                   7                2               122                 2                14
         TOTAL (ELEC GEN)          33959           171811            166983              1610              9061

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            314             1723               813                 3               102
         RESIDUAL OIL
             AREA SOURCES             26              284                76                 0                 7
             POINT SOURCES             8               51                31                 1                 3
         DISTILLATE OIL
             AREA SOURCES             12              197               148                 5                35
             POINT SOURCES             0                4                 1                 0                 0
         NATURAL GAS
             AREA SOURCES              4                0              3066              1200               419
             POINT SOURCES            15              539               641                13                68
         PROCESS GAS
             POINT SOURCES             2               17                35                 2                26
         WOOD
             POINT SOURCES           783              102               705              2380              2137
         OTHER
             POINT SOURCES             0                0                11                 1                 2
         TOTAL (INDUSTRIAL)
             AREA SOURCES            356             2204              4103              1208               563
             POINT SOURCES           808              713              1424              2397              2236

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              9               37                 6                 0                 3
         RESIDUAL OIL
             AREA SOURCES              3               38                 9                 0                 1
         DISTILLATE OIL
      TOTAL (INDUSTRIAL)
            AREA SOURCES                  7             0             1             8            20
            POINT SOURCES               257             7           186           135          1192

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               1258            46           291          1875          5878
            POINT SOURCES               271             8           190           149          1234

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           6679           310          6372          6890         65691
         LIGHT DUTY TRUCKS             3019           200          3772          3828         31608
         HEAVY DUTY VEHICLES            638            59          1935          2036         32465
         OFF HIGHWAY                     31            15           318           846         10670
         TOTAL (GASOLINE)             10367           584         12397         13600        140434

      DIESEL

         HEAVY DUTY VEHICLES           1640           769          6966           881          2684
         OFF HIGHWAY                    765           599          7193          1094          2171
         RAIL                           226           513          3322           807          1168
         TOTAL (DIESEL)                2631          1881         17481          2782          6023

   AIRCRAFT

      MILITARY                           14             1             7            16            34
      CIVIL                               8             1            32           105          2134
      COMMERCIAL                          3             6            63            56           173
      TOTAL (AIRCRAFT)                   25             8           102           177          2341

   VESSELS

      DIESEL FUEL                        84           104           772           192           268
      GASOLINE                            0             6            36           751          2673
      TOTAL (VESSELS)                    84           110           808           943          2941

   TOTAL (TRANSPORTATION)             13107          2583         30788         17502        151739

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     508             5           120           574          4176
   FOREST MANAGED BURNING              1441            10           289          1029          8066
   STRUCTURAL FIRES                     129             0            10            98           522
   GASOLINE STA EVAP LOSS                 0             0             0          2165             0
   SOLVENT EVAPORATION LOSS               0             0             0          6560             0
   UNPAVED ROADS                      98549             0             0             0             0
   UNPAVED AIRSTRIPS                      6             0             0             0             0
   TOTAL (MISCELLANEOUS)             100633            15           419         10426         12764

GRAND TOTAL
***********

   AREA SOURCES                      117234         11414         39349         35187        181389

   POINT SOURCES                      10441         35837         41120         12914        106145

   TOTAL                             127675         47251         80469         48101        287534
```

```
*** K18 ***                                                                                                              *** K18 ***
          CIVIL                                     50              29             226             701           14049
          COMMERCIAL                               197             454            4723            4187           13006
          TOTAL (AIRCRAFT)                         353             489            5004            5014           27314

      VESSELS

          DIESEL FUEL                              615             769            5743            1435            2009
          RESIDUAL OIL                            2144           28262            4645             278             156
          GASOLINE                                   0              44             262            5706           20340
          TOTAL (VESSELS)                         2759           29075           10650            7419           22505

      TOTAL (TRANSPORTATION)                    361162           50346          349456          396733         4248494

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                             459               3             108             519            3782
      FOREST MANAGED BURNING                        71               0              15              51             402
      STRUCTURAL FIRES                            4860               0             657            3636           19770
      GASOLINE STA EVAP LOSS                         0               0               0           48533               0
      SOLVENT EVAPORATION LOSS                       0               0               0          258629               0
      UNPAVED ROADS                              33126               0               0               0               0
      UNPAVED AIRSTRIPS                             33               0               0               0               0
      TOTAL (MISCELLANEOUS)                      38549               3             580          311366           23954

GRAND TOTAL
***********

      AREA SOURCES                              429601           95952          406917          769495         4398939

      POINT SOURCES                             247075          323343          191596          291345          114507

      TOTAL                                     676676          419295          598513         1060840         4513446
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
**************************                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 46:UTAH                                                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES         SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              419            1630              83             279            2504
         DISTILLATE OIL                 2              85              35               0              11
         NATURAL GAS                   84              15            2836             147             566
         WOOD                        4508              47             355            9364           27824
         TOTAL (RESIDENTIAL)         5013            1777            3309            9790           30905

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             6999           23273           51123             230            1590
         RESIDUAL OIL                   1              24              28               0               2
         DISTILLATE OIL                 0              22              29               0               7
         NATURAL GAS                    2               1             758               5              58
         OTHER                        224             928               4               0            1082
         TOTAL (ELEC GEN)            7226           24248           51942             235            2739

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             1839            8326            2552               7             327
            POINT SOURCES            4099            3747            2806              66             250
         RESIDUAL OIL
            AREA SOURCES               11             131              30               0               1
            POINT SOURCES             354            3597            1011               9              87
         DISTILLATE OIL
            AREA SOURCES               77            1146             858              27             203
            POINT SOURCES               3              87              19               0               5
         NATURAL GAS
            AREA SOURCES               29               5           11688            4264            1550
            POINT SOURCES              59               4            2491              89             286
         PROCESS GAS
            POINT SOURCES             319            6445            3967              84             980
         OTHER
            POINT SOURCES               1               0              12               0               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             1956            9606           15128            4298            2081
            POINT SOURCES            4835           13880           10306             248            1609

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              249             819             153               5              89
            POINT SOURCES             478            1666             932              25             270
         RESIDUAL OIL
```

```
     ON SITE INCINERATION
             AREA SOURCES                27             6            6            24            36
             POINT SOURCES                0             0            3             4            11
     OPEN BURNING
             POINT SOURCES                2             0            1             3            20
     TOTAL (INDUSTRIAL)
             AREA SOURCES                27             6            6            24            36
             POINT SOURCES                2             0            4             7            31

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES               300            40           73           463          1338
             POINT SOURCES              169            82           70           501           696

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES           24164           665        10369         29611        399501
        LIGHT DUTY TRUCKS              8976           339         4869         13155        175474
        HEAVY DUTY VEHICLES            1128            72         1388          4414         85518
        OFF HIGHWAY                      61            33          687          1827         23105
        TOTAL (GASOLINE)              34329          1109        17313         49007        683598

     DIESEL

        HEAVY DUTY VEHICLES            4760          1706         7816          5269         13186
        OFF HIGHWAY                     270           211         2545           386           769
        RAIL                            723          1648        10699          2599          3760
        TOTAL (DIESEL)                 5753          3565        21060          8254         17715

   AIRCRAFT

     MILITARY                           439            29          225           515          1065
     CIVIL                                9             5           39           122          2419
     COMMERCIAL                          24            54          567           503          1561
     TOTAL (AIRCRAFT)                   472            88          831          1140          5045

   VESSELS

     GASOLINE                             0             6           38           826          2945
     TOTAL (VESSELS)                      0             6           38           826          2945

   TOTAL (TRANSPORTATION)             40554          4768        39242         59227        709303

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     285             3           67           322          2349
   FOREST MANAGED BURNING              3794            28          759          2712         21245
   STRUCTURAL FIRES                     240             0           23           180           981
   GASOLINE STA EVAP LOSS                 0             0            0          4433             0
   SOLVENT EVAPORATION LOSS               0             0            0         15805             0
   UNPAVED ROADS                     102288             0            0             0             0
   UNPAVED AIRSTRIPS                     85             0            0             0             0
   TOTAL (MISCELLANEOUS)             106692            31          849         23452         24575

GRAND TOTAL
***********

   AREA SOURCES                      150799         13691        56560         89929        745872

   POINT SOURCES                      22910         71940        45988          8407         19879
```

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                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

STATE EMISSIONS REPORT                                                 RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                               AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 48:VIRGINIA                                         POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                          PARTICULATES         SOX            NOX            VOC             CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL           14             52              4             14            170
            BITUMINOUS COAL         1067           3331            207            710           6390
            DISTILLATE OIL           346           4023           2456             83            678
            NATURAL GAS               79             15           2894            140            573
            WOOD                   43180            458           3404          89648         266454
            TOTAL (RESIDENTIAL)    44686           7879           8965          90595         274265

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        33165         116391          76116            228           1965
            RESIDUAL OIL            1995          25639           8854            101            662
            DISTILLATE OIL             3            123             62              0             13
            NATURAL GAS                0              0            198              1             14
            OTHER                      2              0              5              3              7
            TOTAL (ELEC GEN)       35165         142153          85235            333           2661

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        4932          29464           9708             28           1243
                POINT SOURCES      15782          34907          19497             56           1244
            RESIDUAL OIL
                POINT SOURCES       5763          72098          11391             50          11995
            DISTILLATE OIL
                POINT SOURCES        164           2885           1578             13            397
            NATURAL GAS
                AREA SOURCES          66              8          12241           3450           1507
                POINT SOURCES         22              0            959             14            153
            WOOD
                POINT SOURCES       1936             74            851            963           2265
            LIQUID PETROL GAS
                POINT SOURCES          0              3             18              0              4
            OTHER
                POINT SOURCES          4              0              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES        4998          29472          21949           3478           2750
                POINT SOURCES      23671         109967          34294           1096          16058

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          24             81             30              0              3
    DIESEL

        HEAVY DUTY VEHICLES            1448         864        7656         751        2233
        OFF HIGHWAY                     144         113        1373         209         416
        RAIL                            133         299        1933         468         681
        TOTAL (DIESEL)                 1725        1276       10962        1428        3330

  AIRCRAFT

      MILITARY                           12           1           7          15          30
      CIVIL                               3           1          16          52        1082
      COMMERCIAL                          3           7          78          69         214
      TOTAL (AIRCRAFT)                   18           9         101         136        1326

  VESSELS

      GASOLINE                            0           4          32         713        2541
      TOTAL (VESSELS)                     0           4          32         713        2541

  TOTAL (TRANSPORTATION)              10826        2110       30190       20327      169168

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                      224           0          52         252        1829
  FOREST MANAGED BURNING                531           2         104         381        2979
  STRUCTURAL FIRES                      161           0          13         119         649
  GASOLINE STA EVAP LOSS                  0           0           0        2261           0
  SOLVENT EVAPORATION LOSS                0           0           0        8034           0
  UNPAVED ROADS                       44107           0           0           0           0
  UNPAVED AIRSTRIPS                       2           0           0           0           0
  TOTAL (MISCELLANEOUS)               45025           2         169       11047        5457

GRAND TOTAL
***********

  AREA SOURCES                        73746        6489       35125       66746      279400

  POINT SOURCES                       13650       15392        6823       17809       26049

  TOTAL                               87396       21881       41948       84555      305449
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                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
*****************************                                             AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
STATE:48 VIRGINIA       AQCR:226 VALLEY OF VIRGINIA                      POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                             PARTICULATES        SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL            1              6              0              1             21
            BITUMINOUS COAL          132            413             25             88            800
            DISTILLATE OIL            51            572            355             12             97
            NATURAL GAS               12              1            392             19             78
            WOOD                    5858             61            461          12163          36148
            TOTAL (RESIDENTIAL)     6054           1053           1233          12283          37144

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           57          11509           7206             24            206
            DISTILLATE OIL             0              6             10              0              2
            TOTAL (ELEC GEN)          57          11515           7216             24            208

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        1165           6955           2305              7            297
                POINT SOURCES       9744          23474          13097             35            537
            RESIDUAL OIL
                POINT SOURCES       1200           7775           1166              5            107
            DISTILLATE OIL
                POINT SOURCES         97           1446            979              9            246
            NATURAL GAS
                AREA SOURCES          18              3           3020            852            372
                POINT SOURCES          7              0            592              7             79
            WOOD
                POINT SOURCES         85             10            116            131            310
            LIQUID PETROL GAS
                POINT SOURCES          0              0              4              0              1
            TOTAL (INDUSTRIAL)
                AREA SOURCES        1183           6958           5325            859            669
                POINT SOURCES      11133          32705          15954            187           1280

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES        195            466            172              0             72
            RESIDUAL OIL
                POINT SOURCES         33            450             67              2              5
            DISTILLATE OIL
                POINT SOURCES         15            227            150              2             38
            NATURAL GAS
                AREA SOURCES           7              1            238             10             48
            POINT SOURCES               105          5         31        117       1367
    OPEN BURNING
            AREA SOURCES                  2          0          1          3         10
    TOTAL (INDUSTRIAL)
            AREA SOURCES                  2          0          1          3         10
            POINT SOURCES               105          5         31        117       1367

  TOTAL (SOLID WASTE DISP)
            AREA SOURCES                600         15         93       1208       3698
            POINT SOURCES               129          5        940        136       1446

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

        LIGHT DUTY VEHICLES            5878        234       5444       7226      70965
        LIGHT DUTY TRUCKS              2562        144       3113       3959      34382
        HEAVY DUTY VEHICLES             148         13        423        480       7591
        OFF HIGHWAY                      18         10        206        551       6967
        TOTAL (GASOLINE)               8606        401       9186      12216     119905

    DIESEL

        HEAVY DUTY VEHICLES             922        460       3982        494       1505
        OFF HIGHWAY                     185        144       1732        264        523
        RAIL                             73        166       1082        263        380
        TOTAL (DIESEL)                 1180        750       6796       1021       2408

  AIRCRAFT

    CIVIL                                 6          3         26         81       1620
    TOTAL (AIRCRAFT)                      6          3         26         81       1620

  VESSELS

    DIESEL FUEL                         123        154       1143        286        399
    GASOLINE                              0          7         42        930       3318
    TOTAL (VESSELS)                     123        161       1185       1216       3717

  TOTAL (TRANSPORTATION)               9915       1315      17193      14534     127650

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                      718          6        168        811       5909
  FOREST MANAGED BURNING              18063        135       3612      12915     101149
  AGRICULTURAL BURNING                  120          0         17        110        796
  STRUCTURAL FIRES                       73          0          6         54        294
  GASOLINE STA EVAP LOSS                  0          0          0       1255          0
  SOLVENT EVAPORATION LOSS                0          0          0       4549          0
  UNPAVED ROADS                         539          0          0          0          0
  UNPAVED AIRSTRIPS                       7          0          0          0          0
  TOTAL (MISCELLANEOUS)               19520        141       3803      19694     108148

GRAND TOTAL
***********

  AREA SOURCES                        33548       6672      23814      41941     258327

  POINT SOURCES                       56673      69641      99746      13872      52467

  TOTAL                               90221      76313     123560      55813     310794
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                                              NATIONAL EMISSIONS DATA SYSTEM
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                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                            RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                                AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:49 WASHINGTON      AQCR:230 SOUTH CENTRAL WASHINGTON                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                  PARTICULATES         SOX              NOX              VOC              CO
                                  ************    ************     ************     ************     ************
                                   TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                37             132                7               25              221
            DISTILLATE OIL                 15             250              105                4               29
            NATURAL GAS                     3               0              113                5               22
            WOOD                         2426              25              191             5037            14974
            TOTAL (RESIDENTIAL)          2481             407              416             5071            15246

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              160             637              164                0               22
                POINT SOURCES            1432            1714             1772                4              117
            LIGNITE
                POINT SOURCES            3684             957              188                2              156
            RESIDUAL OIL
                AREA SOURCES              128            1600              370                2               33
                POINT SOURCES             174            2013              472                3               44
            DISTILLATE OIL
                AREA SOURCES               11             170              127                4               29
                POINT SOURCES               4              54               27                0                7
            NATURAL GAS
                AREA SOURCES                9               1             1462              412              179
                POINT SOURCES               2               0              337                1               25
            WOOD
                POINT SOURCES            1003              51              298              342              829
            TOTAL (INDUSTRIAL)
                AREA SOURCES              288            2408             2123              418              263
                POINT SOURCES            6299            4789             3094              352             1178

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               56             168               31                1               18
            RESIDUAL OIL
                AREA SOURCES               25             322               74                1                7
            DISTILLATE OIL
                AREA SOURCES                2              37               16                0                3
            NATURAL GAS
                AREA SOURCES                2               0              104                6               19
                POINT SOURCES               8               0               17                0                4
            TOTAL (COMM-INST)
                AREA SOURCES               85             527              225                8               47
                POINT SOURCES               8               0               17                0                4
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY   NOVEMBER 28, 1983
***************************                                          AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:179 PARKERSBURG-MARIETTA              POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                11             47              2              9             69
         DISTILLATE OIL                  0              6              4              0              0
         NATURAL GAS                     8              1            264             14             54
         WOOD                         1689             17            133           3504          10412
         TOTAL (RESIDENTIAL)          1708             71            403           3527          10535

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              9214          40249          30011            100            857
         DISTILLATE OIL                  0             14             24              0              5
         TOTAL (ELEC GEN)             9214          40263          30035            100            862

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              311           8556           1518             69            149
         RESIDUAL OIL
            POINT SOURCES               59           1044            153              8              9
         DISTILLATE OIL
            AREA SOURCES                12            128            145              4             33
            POINT SOURCES               28            635            246             10             21
         NATURAL GAS
            AREA SOURCES                23              5           6703           2132            815
            POINT SOURCES                9              0            182              5             22
         TOTAL (INDUSTRIAL)
            AREA SOURCES                35            133           6848           2136            848
            POINT SOURCES              407          10233           2099             92            201

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 2             10              3              0              0
         BITUMINOUS COAL
            AREA SOURCES                21            177             31              1             18
         DISTILLATE OIL
            AREA SOURCES                 2             35             25              0              7
         NATURAL GAS
            AREA SOURCES                 2              0            108              5             22
         WOOD
            POINT SOURCES                3              0              2              6             13
         TOTAL (COMM-INST)
            AREA SOURCES                27            222            167              6             47
```

```
*** L09 ***                                                                                                   *** L09 ***
SELECT CARD = <50    233                                                           45>
```

```
*** L10 ***                                                                                                          *** L10 ***
    GASOLINE STA EVAP LOSS                    0                 0                 0             1493              0
    SOLVENT EVAPORATION LOSS                  0                 0                 0             2805              0
    UNPAVED ROADS                         32742                 0                 0                0              0
    TOTAL (MISCELLANEOUS)                 37917                44              1201            10100          42162

GRAND TOTAL
***********

    AREA SOURCES                          46113              4605             18633            24179         153635

    POINT SOURCES                          3114              5222              2081             1347            950

    TOTAL                                 49227              9827             20714            25526         154585
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                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:51 WISCONSIN      AQCR:128 SOUTHEAST MINNESOTA-LA CROSSE       POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES          SOX             NOX              VOC              CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                82              954              595               22              166
            NATURAL GAS                   15                0              471               25               95
            WOOD                        8289               88              655            17209            51143
            TOTAL (RESIDENTIAL)         8386             1042             1721            17256            51404

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              486            48606            22061              108              502
            DISTILLATE OIL                 0               45               12                0                2
            TOTAL (ELEC GEN)             486            48651            22073              108              504

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES           1349             2602              481              102              401
            RESIDUAL OIL
                POINT SOURCES            153             3163              519                3               42
            DISTILLATE OIL
                POINT SOURCES              6              248               74                0                9
            NATURAL GAS
                AREA SOURCES               6                0              798              142               87
                POINT SOURCES            148              852              499               27              126
            WOOD
                POINT SOURCES            110               17              136               30               30
            LIQUID PETROL GAS
                POINT SOURCES              0                1                4                0                0
            OTHER
                POINT SOURCES              1                0                7                0                1
            TOTAL (INDUSTRIAL)
                AREA SOURCES               6                0              798              142               87
                POINT SOURCES           1767             6883             1720              162              609

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES               0                3                0                0                0
            BITUMINOUS COAL
                POINT SOURCES            570             2025              175               43              191
            RESIDUAL OIL
                POINT SOURCES              6              114               24                3                3
            DISTILLATE OIL
                AREA SOURCES              10              136               96                0               25
```

```
*** L12 ***                                                                                                   *** L12 **
SELECT CARD = <51    239                                                              45>
```

```
*** L13 ***                                                                                              *** L13 ***
                POINT SOURCES            1562          32392          37019            129           1169

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                     0              0            124              3             16
            TOTAL (INDUSTRIAL)              0              0            124              3             16

        TOTAL (INTERNAL COMB)               0              0            124              3             16

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             1062            792           3724           3154           6505
                POINT SOURCES            1562          32392          37143            132           1185

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  5           1448              0              0              0
    PRIMARY METAL                           1              1              0              0              0
    MINERAL PRODUCTS                      397             68              9             11              6
    PETROLEUM INDUSTRY                    248          14235           1012           5238          45857
    PETROLEUM STORAGE/TRANSPORT             0              0              0           4860              0
    TOTAL (INDUSTRIAL)                    651          15752           1021          10109          65863

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               32              0              1             91            274
        OPEN BURNING                      130              5             33            176            557
        TOTAL (RESIDENTIAL)               162              5             34            267            831

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                9              3              5              5             13
        TOTAL (COMM-INST)
                AREA SOURCES                9              3              5              5             13

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                2              0              0              2              6
                POINT SOURCES             275              6             38            413           4875
        TOTAL (INDUSTRIAL)
                AREA SOURCES                2              0              0              2              6
                POINT SOURCES             275              6             38            413           4875

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              173              8             39            274            848
                POINT SOURCES             275              6             38            413           4875

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          1260             64           1019           1870          23516
            LIGHT DUTY TRUCKS            1055             76           1078           1665          21452
            HEAVY DUTY VEHICLES           171             17            373            738          14652
            OFF HIGHWAY                     7              5             78            210           2662
```

```
***************************

    MINERAL PRODUCTS                        1          0          0          0          0
    ORGANIC SOLVENT EVAPORATION             0          0          0        151          0
    PETROLEUM STORAGE/TRANSPORT             0          0          0       3731          0
    TOTAL (INDUSTRIAL)                      1          0          0       3882          0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              9          1          1          9         12
        OPEN BURNING                     2040        128        765       3825      10839
        TOTAL (GOVERNMENT)               2049        129        766       3834      10851

    TOTAL (SOLID WASTE DISP)
                POINT SOURCES            2049        129        766       3834      10851

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           944         67       1480       1359      11212
            LIGHT DUTY TRUCKS             182         17        339        315       2281
            TOTAL (GASOLINE)             1126         84       1819       1674      13493

        DIESEL

            HEAVY DUTY VEHICLES           179        103        914         93        278
            TOTAL (DIESEL)                179        103        914         93        278

    AIRCRAFT

        MILITARY                          303         20        155        356        735
        COMMERCIAL                          3          8         79         70        217
        TOTAL (AIRCRAFT)                  306         28        234        426        952

    VESSELS

        RESIDUAL OIL                        2         20          3          0          0
        TOTAL (VESSELS)                     2         20          3          0          0

    TOTAL (TRANSPORTATION)               1613        235       2970       2193      14723

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      320          3         75        362       2639
    GASOLINE STA EVAP LOSS                  0          0          0        342          0
    TOTAL (MISCELLANEOUS)                 320          3         75        704       2639

GRAND TOTAL
***********

    AREA SOURCES                         1933        238       3045       2897      17362

    POINT SOURCES                        5235      49837      10086       7900      11490

    TOTAL                                7168      50075      13131      10797      28852
```

```
*** L15 ***                                                                                                           *** L15 ***
    SOLVENT EVAPORATION LOSS                      0                 0                 0             31689                 0
    UNPAVED ROADS                            276390                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                    295149               131              3837             58863            117755

GRAND TOTAL
***********

    AREA SOURCES                             393750             43273            177427            206878           1054760

    POINT SOURCES                             61726            530181            192409             48463            109053

    TOTAL                                    455476            573454            369836            255341           1163813
```

```
                AREA SOURCES                  1          26          12           0           2
                POINT SOURCES                 0           1           0           0           0
            NATURAL GAS
                AREA SOURCES                  4           0         126           6          26
                POINT SOURCES                 0           0          18           1           3
            TOTAL (COMM-INST)
                AREA SOURCES                 17         101         153           6          32
                POINT SOURCES                 0           1          18           1           3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               9691        2796        5478       20403       58075
                POINT SOURCES             34767      172525      146425        4008       11300

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    1           1          10           1           2
            NATURAL GAS                       1           0         224           5          28
            TOTAL (ELEC GEN)                  2           1         234           6          30

        INDUSTRIAL FUEL

            NATURAL GAS                     107          78       14412        2830        1971
            TOTAL (INDUSTRIAL)              107          78       14412        2830        1971

        TOTAL (INTERNAL COMB)               109          79       14646        2836        2001

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               9691        2796        5478       20403       58075
                POINT SOURCES             34876      172604      161071        6844       13301

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                       287           0           0           0           0
    MINERAL PRODUCTS                       3863        3627        2394         262        1032
    PETROLEUM INDUSTRY                      591        2974         406         106        2777
    WOOD PRODUCTS                            66        1439         373           0        9661
    ORGANIC SOLVENT EVAPORATION               2           0           0           7           0
    PETROLEUM STORAGE/TRANSPORT               0           0           0         533           0
    OTHER/NOT CLASSIFIED                      4         463           0           1          34
    TOTAL (INDUSTRIAL)                     4813        8503        3171         909       13504

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                507           7          15        1427        4282
        OPEN BURNING                        479          17         121         644        2047
        TOTAL (RESIDENTIAL)                 986          24         136        2071        6329

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 20           5           8          12          30
                POINT SOURCES               177           3          25         279        3293
        OPEN BURNING
                AREA SOURCES                  2           0           1           5          13
        TOTAL (COMM-INST)
                AREA SOURCES                 22           5           9          17          43
                POINT SOURCES               177           3          25         279        3293

    INDUSTRIAL
```

```
SELECT CARD = <      022                                                                     40>
STATE 04 COUNTY 2420 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1390 NOT FOUND IN POINT FILE
STATE 45 COUNTY 4290 NOT FOUND IN POINT FILE
```

```
SELECT CARD = <     045                                              40>
```

```
*** M01 ***
          POINT SOURCES              8            30            12             1             0
        DISTILLATE OIL
          POINT SOURCES            112           510           373            18            34
        NATURAL GAS
          POINT SOURCES             27            29           189            12            29
        LIQUID PETROL GAS
          POINT SOURCES              0             0             1             0             0
        TOTAL (COMM-INST)
          AREA SOURCES             249           819           153             5            89
          POINT SOURCES            625          2235          1507            56           333

      TOTAL (EXTERNAL COMB)
          AREA SOURCES            7218         12202         18590         14093         33075
          POINT SOURCES          12686         40363         63755           539          4681

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL               1             1             8             1             2
        NATURAL GAS                  3             0           180             5            36
        TOTAL (ELEC GEN)             4             1           188             6            38

      TOTAL (INTERNAL COMB)          4             1           188             6            38

    TOTAL (FUEL COMBUSTION)

          AREA SOURCES            7218         12202         18590         14093         33075
          POINT SOURCES          12690         40364         63943           545          4719

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING          38         28782            88             2             2
    FOOD/AGRICULTURAL               30             0             0             0             0
    PRIMARY METAL                 3185          4352             1             1          3258
    SECONDARY METALS              1657            67            23             1         10225
    MINERAL PRODUCTS             10165          2302          1233           534           542
    PETROLEUM INDUSTRY             886         11811          2670          4666         11948
    WOOD PRODUCTS                  990             0             0             0             0
    ORGANIC SOLVENT EVAPORATION      0             0             0           170             0
    PETROLEUM STORAGE/TRANSPORT      0             0             0          2519             0
    OTHER/NOT CLASSIFIED           460          1167          4634            69           383
    TOTAL (INDUSTRIAL)           17411         48481          8649          7962         26358

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

      MUNICIPAL INCINERATION       165            82            65           491           655
      OPEN BURNING                   2             0             1             3            10
      TOTAL (GOVERNMENT)           167            82            66           494           665

    RESIDENTIAL (AREA)

      ON SITE INCINERATION        1144            16            35          3216          9648
      OPEN BURNING                 932            34           235          1254          3977
      TOTAL (RESIDENTIAL)         2076            50           270          4470         13625

    COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
          AREA SOURCES             112            31            53            64           158
      TOTAL (COMM-INST)
          AREA SOURCES             112            31            53            64           158
```

```
   TOTAL                                       173709          85631          102548          98336          765751
```

```
          BITUMINOUS COAL
              AREA SOURCES                312         1218          273          12          162
              POINT SOURCES               501         1510          528           0          214
          RESIDUAL OIL
              POINT SOURCES              1024        13687         2833          57          256
          DISTILLATE OIL
              POINT SOURCES                77         3680          725          12          181
          NATURAL GAS
              AREA SOURCES                 45            5         1683          78          330
              POINT SOURCES                 1            0           81           0           20
          TOTAL (COMM-INST)
              AREA SOURCES                381         1304         1986          90          495
              POINT SOURCES              1603        18877         4167          69          671

      TOTAL (EXTERNAL COMB)
              AREA SOURCES              50065        38655        32900       94163       277510
              POINT SOURCES             60439       270997       123696        1498        19390

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                   47          318          647          46          145
          NATURAL GAS                      10            0          291           9           82
          TOTAL (ELEC GEN)                 57          318          938          55          227

      ENGINE-TESTING

          TOTAL (ENG TESTNG)                4           13           15          46           33

      TOTAL (INTERNAL COMB)                61          331          953         101          260

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES              50065        38655        32900       94163       277510
              POINT SOURCES             60500       271328       124649        1599        19650

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                3936         4821        17308       20442         1177
   FOOD/AGRICULTURAL                     3339          563          126        2031           24
   PRIMARY METAL                         1857           17           22         339          502
   SECONDARY METALS                      1069          884           89         148        25479
   MINERAL PRODUCTS                     29624         1866         2682         864         2683
   PETROLEUM INDUSTRY                     436         2332          796        1012          202
   WOOD PRODUCTS                         5551         6474         1053        5339        34095
   ORGANIC SOLVENT EVAPORATION            952           12           74       46554            3
   PETROLEUM STORAGE/TRANSPORT           1443         4775          991       10195            1
   METAL FABRICATION                      146            0          125          26            0
   TEXTILE MANUFACTURING                   62            0            0        1191            0
   OTHER/NOT CLASSIFIED                  1084         2220           44        5673            6
   TOTAL (INDUSTRIAL)                   49499        23964        23310       93814        64172

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION             150           76           91          63         1069
       OPEN BURNING                        19            1            5          27           76
       OTHER INCINERATION                  61           27          134          27            0
       TOTAL (GOVERNMENT)                 230          104          230         117         1145

   RESIDENTIAL (AREA)
```

```
SELECT CARD = <48    223                                                                    45>
STATE 48 COUNTY 2060 NOT FOUND IN POINT FILE
```

```
                POINT SOURCES                  0                 0                33                 0                 9
            TOTAL (COMM-INST)
                AREA SOURCES                   7                 1               238                10                48
                POINT SOURCES                243              1143               422                 4               124

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                7244              8012              6796             13152             37861
                POINT SOURCES              11433             45363             23592               215              1612

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                7244              8012              6796             13152             37861
                POINT SOURCES              11433             45363             23592               215              1612

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  1020                33               130             11436                91
    FOOD/AGRICULTURAL                        614                 0                 0                 0                 0
    SECONDARY METALS                         659               337                39                23              1161
    MINERAL PRODUCTS                       14813               326              2320               587              2595
    WOOD PRODUCTS                            194              1053                 0               158                 0
    ORGANIC SOLVENT EVAPORATION              138                 0                 0             13523                 0
    PETROLEUM STORAGE/TRANSPORT               90                 0                 0               162                 0
    TEXTILE MANUFACTURING                     21                 0                 0                57                 0
    OTHER/NOT CLASSIFIED                     419              2198                18              2706                 2
    TOTAL (INDUSTRIAL)                     17968              3947              2507             28652              3849

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  36                 0                 0               104               319
        OPEN BURNING                        1909                71               487              2577              8175
        TOTAL (RESIDENTIAL)                 1945                71               487              2681              8494

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  57                15                26                33                76
                POINT SOURCES                 12                 0                 0                 0                 0
        TOTAL (COMM-INST)
                AREA SOURCES                  57                15                26                33                76
                POINT SOURCES                 12                 0                 0                 0                 0

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  33                 5                 5                31                53
                POINT SOURCES                 18                 5                13                17                20
        OPEN BURNING
                AREA SOURCES                  16                 0                 8                24                80
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  49                 5                13                55               133
                POINT SOURCES                 18                 5                13                17                20

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                2051                91               526              2769              8703
                POINT SOURCES                 30                 5                13                17                20

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
SELECT CARD = <49    227                                                   45>
```

```
*** M07 ***                                                                                          *** M07 ***
       TOTAL (EXTERNAL COMB)
               AREA SOURCES           2856          3342          2764          5497         15556
               POINT SOURCES          6307          4789          3111           352          1182

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES           2856          3342          2764          5497         15556
               POINT SOURCES          6307          4789          3111           352          1182

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            3007          1000          2822             0             0
    FOOD/AGRICULTURAL                 7587             0             0             0             0
    PRIMARY METAL                      517           400             0             0         15800
    SECONDARY METALS                    14            13            11             2            25
    MINERAL PRODUCTS                   617            13             6            15             7
    WOOD PRODUCTS                      876           226           132             8          1325
    ORGANIC SOLVENT EVAPORATION          0             0             0            92             0
    PETROLEUM STORAGE/TRANSPORT          0             0             0          1565             0
    OTHER/NOT CLASSIFIED                 5             0             0             5             0
    TOTAL (INDUSTRIAL)               12623          1652          2971          1687         17157

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OPEN BURNING                    100             0             0             0             0
       TOTAL (GOVERNMENT)              100             0             0             0             0

    RESIDENTIAL (AREA)

       ON SITE INCINERATION            871            14            27          2451          7350
       OPEN BURNING                    830            31           212          1122          3556
       TOTAL (RESIDENTIAL)            1701            45           239          3573         10906

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES             20             5             9            11            27
       OPEN BURNING
               POINT SOURCES             1             0             0             0             0
       TOTAL (COMM-INST)
               AREA SOURCES             20             5             9            11            27
               POINT SOURCES             1             0             0             0             0

    INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES              5             0             0             5            10
               POINT SOURCES            61             3             2            79           193
       OPEN BURNING
               AREA SOURCES             10             0             5            15            50
       TOTAL (INDUSTRIAL)
               AREA SOURCES             15             0             5            20            60
               POINT SOURCES            61             3             2            79           193

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES           1736            50           253          3604         10993
               POINT SOURCES           162             3             2            79           193

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** MOB ***                                                                                       *** MOB ***
                POINT SOURCES                 3           0           2           6          13

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               1770         426        7418        5669       11430
                POINT SOURCES              9624       50496       32136         198        1076

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1770         426        7418        5669       11430
                POINT SOURCES              9624       50496       32136         198        1076

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  351        2430          74          15         370
    PRIMARY METAL                          3362        8922           0          17       89699
    SECONDARY METALS                        299          36           0           0          60
    MINERAL PRODUCTS                        494          21          50          18           8
    PETROLEUM INDUSTRY                        3          28           0           0           0
    TOTAL (INDUSTRIAL)                     4509       11437         124          50       90137

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  7           0           0          21          63
        OPEN BURNING                        468          17         119         631        2001
        TOTAL (RESIDENTIAL)                 475          17         119         652        2064

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                31           1          64           1           0
        OPEN BURNING
                AREA SOURCES                  4           0           2           7          25
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  4           0           2           7          25
                POINT SOURCES                31           1          64           1           0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                479          17         121         659        2089
                POINT SOURCES                31           1          64           1           0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            1240          74        1551        1461       13382
            LIGHT DUTY TRUCKS               489          42         830         749        5885
            HEAVY DUTY VEHICLES             352          40        1360        1199       19330
            OFF HIGHWAY                      10           5         118         313        3951
            TOTAL (GASOLINE)               2091         161        3859        3722       42548

        DIESEL

            HEAVY DUTY VEHICLES             266         135        1219         141         425
            OFF HIGHWAY                      29          22         272          42          81
            RAIL                             64         145         946         229         332
            TOTAL (DIESEL)                  359         302        2437         412         838

    AIRCRAFT
```

```
*** M09 ***                                                                                                  *** M09 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
***************************                                         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE:50 WEST VIRGINIA   AQCR:233 EASTERN PANHANDLE                POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                             PARTICULATES       SOX            NOX            VOC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL           20             79              4             13            116
            DISTILLATE OIL            13            159             99              4             28
            NATURAL GAS                0              0             23              1              5
            WOOD                    1601             17            126           3326           9884
            TOTAL (RESIDENTIAL)     1634            255            252           3344          10033

        ELEC GENERATION (POINT)

            OTHER                     10             15             30             22             30
            TOTAL (ELEC GEN)          10             15             30             22             30

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         43            357             69              2             19
            RESIDUAL OIL
                POINT SOURCES         99           1311            233              8             18
            DISTILLATE OIL
                AREA SOURCES           7             64             72              2             17
                POINT SOURCES          3             39             28              1              6
            NATURAL GAS
                AREA SOURCES           5              1           1638            520            199
                POINT SOURCES          0              0             14              0              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES          12             65           1710            522            216
                POINT SOURCES        145           1707            344             11             47

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           1              3              1              0              0
            BITUMINOUS COAL
                AREA SOURCES           9             73             12              0              7
            DISTILLATE OIL
                AREA SOURCES           2             27             19              0              4
                POINT SOURCES          2              5              7              1              1
            NATURAL GAS
                AREA SOURCES           1              0             41              2              9
            TOTAL (COMM-INST)
                AREA SOURCES          13            103             73              2             20
                POINT SOURCES          2              5              7              1              1
```

```
SELECT CARD = <51                                                25>
```

```
            POINT SOURCES             27           155            37             8            30
        NATURAL GAS
            AREA SOURCES               5             0           282            16            57
            POINT SOURCES              1             0            30             4             8
        TOTAL (COMM-INST)
            AREA SOURCES              15           139           378            16            82
            POINT SOURCES            604          2294           266            58           232

    TOTAL (EXTERNAL COMB)
            AREA SOURCES            8407          1181          2897         17414         51573
            POINT SOURCES           2857         57828         24059           328          1345

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                95          1316          1314           112           294
        NATURAL GAS                    2             2            70             7            12
        TOTAL (ELEC GEN)              97          1318          1384           119           306

    INDUSTRIAL FUEL

        DISTILLATE OIL                 0             1             1             0             0
        TOTAL (INDUSTRIAL)             0             1             1             0             0

    TOTAL (INTERNAL COMB)             97          1319          1385           119           306

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES            8407          1181          2897         17414         51573
            POINT SOURCES           2954         59147         25444           447          1651

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING             963             1             1           173           144
  FOOD/AGRICULTURAL                  291             0            11             0             2
  SECONDARY METALS                    71            15            10             5           854
  MINERAL PRODUCTS                   792            66            23            15            10
  ORGANIC SOLVENT EVAPORATION          1             0            28          4442             2
  PETROLEUM STORAGE/TRANSPORT          0             0             0           876             0
  OTHER/NOT CLASSIFIED                 0             0             1           192             0
  TOTAL (INDUSTRIAL)                2098            82            74          5703          1012

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

    ON SITE INCINERATION             252             2             6           708          2123
    OPEN BURNING                     722            27           186           974          3087
    TOTAL (RESIDENTIAL)              974            29           192          1682          5210

  COMMERCIAL-INSTITUTIONAL

    ON SITE INCINERATION
            AREA SOURCES              64            16            33            37            89
            POINT SOURCES             10             0             0             6             8
    TOTAL (COMM-INST)
            AREA SOURCES              64            16            33            37            89
            POINT SOURCES             10             0             0             6             8

  INDUSTRIAL

    ON SITE INCINERATION
            AREA SOURCES              15             2             2            15            26
```

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                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:    MONDAY  NOVEMBER 28, 198
***************************                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 198
STATE:51 WISCONSIN      AQCR:239 SOUTHEASTERN WISCONSIN     POINT EMISSIONS AS OF:    MONDAY        JULY 11, 198

                           PARTICULATES         SOX            NOX             VOC              CO
                           ************    ************    ************    ************    ************
                            TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               99            1167             717              27             200
         NATURAL GAS                  81              17            2716             165             541
         WOOD                        802               9              64            1644            4947
         TOTAL (RESIDENTIAL)         982            1173            3497            1836            5688

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            6676          168360           59273             307            1932
         RESIDUAL OIL                  0              88             108               1               8
         DISTILLATE OIL                0              96              53               0              11
         NATURAL GAS                   6               1            1137               3              83
         TOTAL (ELEC GEN)           6682          168545           60571             311            2034

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            178             323              48               0              22
         RESIDUAL OIL
            POINT SOURCES            193            2826             600               4              53
         DISTILLATE OIL
            POINT SOURCES             29             575             144               2              31
         NATURAL GAS
            AREA SOURCES              63               8            4300             770             481
            POINT SOURCES             26               3            1618              20             210
         PROCESS GAS
            POINT SOURCES              6               1               7               1               6
         LIQUID PETROL GAS
            POINT SOURCES              1              18              43               1              11
         OTHER
            POINT SOURCES              1               0              56               2              11
         TOTAL (INDUSTRIAL)
            AREA SOURCES              63               8            4300             770             481
            POINT SOURCES            434            3746            2516              30             344

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               2              13               6               0               0
         BITUMINOUS COAL
            POINT SOURCES            860            1442             507              30              90
         RESIDUAL OIL
            POINT SOURCES              9             101              86               1               6
         TOTAL (GASOLINE)              2473        162       2548       4483      62282

      DIESEL

         HEAVY DUTY VEHICLES           1426        662       3106       1542       3770
         OFF HIGHWAY                    161        126       1512        231        457
         RAIL                           554       1263       8194       1991       2879
         TOTAL (DIESEL)                2141       2051      12812       3764       7106

   AIRCRAFT

      MILITARY                            5          0          3          6         12
      CIVIL                               4          1         15         45        907
      COMMERCIAL                          3          6         66         58        182
      TOTAL (AIRCRAFT)                   12          7         84        109       1101

   VESSELS

      GASOLINE                            0          1          4         96        342
      TOTAL (VESSELS)                     0          1          4         96        342

   TOTAL (TRANSPORTATION)              4626       2221      15448       8452      70831

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     443          4        105        500       3647
   FOREST MANAGED BURNING                51          0         10         36        286
   STRUCTURAL FIRES                      30          0          3         22        121
   GASOLINE STA EVAP LOSS                 0          0          0        689          0
   SOLVENT EVAPORATION LOSS               0          0          0        788          0
   UNPAVED ROADS                     114315          0          0          0          0
   UNPAVED AIRSTRIPS                     39          0          0          0          0
   TOTAL (MISCELLANEOUS)             114878          4        118       2035       4054

GRAND TOTAL
***********

   AREA SOURCES                      120739       3025      19329      13915      82238

   POINT SOURCES                       2488      48148      38202      10634      51923

   TOTAL                             123227      51173      57531      24569     134161
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** M16 ***                                                                                                                                   *** M16 ***
ELECT CARD = <55                                                                                                  25>
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*** M15 ***                                                                                                                  *** M15 ***

SELECT CARD = <        007                                                             40>
STATE 44 COUNTY 2460 NOT FOUND IN POINT FILE
STATE 44 COUNTY 2660 NOT FOUND IN POINT FILE
STATE 44 COUNTY 2720 NOT FOUND IN POINT FILE
STATE 44 COUNTY 3020 NOT FOUND IN POINT FILE
STATE 66 COUNTY 3520 NOT FOUND IN POINT FILE
```

```
          ON SITE INCINERATION
                  AREA SOURCES                23           6           6          21          33
                  POINT SOURCES              246           4          36         388        4582
          OPEN BURNING
                  AREA SOURCES                17           0           5          28         100
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                40           6           9          49         133
                  POINT SOURCES              246           4          36         388        4582

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              1048          33         154        2137        6505
                  POINT SOURCES              423           7          61         667        7875

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES           6777         343        5632       11129      133069
              LIGHT DUTY TRUCKS             5329         378        5364        8658      107306
              HEAVY DUTY VEHICLES            398          37        1036        1487       27434
              OFF HIGHWAY                     24          12         281         749        9469
              TOTAL (GASOLINE)             12528         770       12313       22023      277278

          DIESEL

              HEAVY DUTY VEHICLES           2292        1115        6993        2027        5197
              OFF HIGHWAY                    312         244        2940         448         888
              RAIL                           247         566        3663         890        1289
              TOTAL (DIESEL)                2851        1925       13596        3365        7374

      AIRCRAFT

          MILITARY                             5           0           3           6          12
          CIVIL                                8           4          41         130        2625
          COMMERCIAL                          27          62         645         571        1774
          TOTAL (AIRCRAFT)                    40          66         689         707        4411

      VESSELS

          GASOLINE                             0           5          39         855        3050
          TOTAL (VESSELS)                      0           5          39         855        3050

      TOTAL (TRANSPORTATION)               15419        2766       26637       26950      292113

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                     14931         132        3513       16863      122946
      FOREST MANAGED BURNING                9705          74        1941        6937       54344
      STRUCTURAL FIRES                        94           0           7          68         375
      GASOLINE STA EVAP LOSS                   0           0           0        3534           0
      SOLVENT EVAPORATION LOSS                 0           0           0        5020           0
      UNPAVED ROADS                       575525           0           0           0           0
      UNPAVED AIRSTRIPS                      267           0           0           0           0
      TOTAL (MISCELLANEOUS)               600522         206        5461       32422      177665

GRAND TOTAL
***********

      AREA SOURCES                        626680        5799       37730       81912      534358

      POINT SOURCES                        40112      181114      164303        8420       34680
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                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

AQCR EMISSIONS REPORT                                                                       RUN DATE:     MONDAY  NOVEMBER 28, 1983
*****************************                                                   AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
AQCR:022 SHREVEPORT-TEXARKANA-TYLER                                            POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                                    PARTICULATES          SOX               NOX               VOC               CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    2                 9                 0                 1                11
            DISTILLATE OIL                     0                 7                 3                 0                 0
            NATURAL GAS                       50                 5              1751                93               350
            WOOD                            6298                66               501             13076             38879
            TOTAL (RESIDENTIAL)             6350                87              2255             13170             39240

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  927             20301              4498               215               715
            LIGNITE                        11096            109897             78986               746              6384
            RESIDUAL OIL                      29               103                40                 0                 3
            DISTILLATE OIL                    15               117               127                 1                30
            NATURAL GAS                      515                37             24149                79               593
            TOTAL (ELEC GEN)               12582            130455            107798              1039              7725

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                1166              7087              1869                 4               242
                POINT SOURCES                248              1550              4031                 4                38
            RESIDUAL OIL
                AREA SOURCES                 491              7579              1416                 5               129
                POINT SOURCES                107              2577               299                10                59
            DISTILLATE OIL
                AREA SOURCES                  86              1111               983                33               235
                POINT SOURCES                 11                63                46                 0                 4
            NATURAL GAS
                AREA SOURCES                  77                11             55443             21903              7510
                POINT SOURCES               1041               215             34763               437              2791
            PROCESS GAS
                POINT SOURCES                 91              1885              1026                18               785
            WOOD
                POINT SOURCES               4669               549              2446              1737              4024
            LIQUID PETROL GAS
                POINT SOURCES                  0                 0                11                 0                42
            OTHER
                POINT SOURCES                 17                 0                 0                70                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                1820             15788             59711             21945              8116
                POINT SOURCES               6184              6839             42622              2276              7743

        COMM-INSTITUTIONAL FUEL
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*** M18 ***                                                                                                                *** M18 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

AQCR EMISSIONS REPORT                                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:045 METROPOLITAN PHILADELPHIA                                              POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                   PARTICULATES          SOX               NOX                VOC                CO
                                   ************     ************      ************      ************      ************
                                    TONS / YR        TONS / YR         TONS / YR          TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                  209               570                63               209              1878
            BITUMINOUS COAL                   54               249                 9                35               319
            DISTILLATE OIL                   754              8701              5437               213              1511
            NATURAL GAS                      174                34              5842               311              1170
            WOOD                           11612               120               902             23689             70409
            TOTAL (RESIDENTIAL)            12603              9674             12253             24457             75287

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                12449             68799             24389                81               696
            RESIDUAL OIL                    2740             31366             17409               219              1435
            DISTILLATE OIL                    50               618               480                20                69
            NATURAL GAS                       10                 3              2279                 6               166
            PROCESS GAS                        0                 0               176                 0                13
            OTHER                             24              2414               667                 2                19
            TOTAL (ELEC GEN)               15273            103200             45400               328              2398

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                   4                37                18                 0                 1
                POINT SOURCES                 30                86                33                 0                 2
            BITUMINOUS COAL
                POINT SOURCES                553               877               718                10                26
            RESIDUAL OIL
                POINT SOURCES               2404             23041             16315               138              1415
            DISTILLATE OIL
                AREA SOURCES                 113              1130              1277                43               302
                POINT SOURCES                193              1656              1194                30               214
            NATURAL GAS
                AREA SOURCES                  69                14             12659              3747              1634
                POINT SOURCES                377               465              5048                96               752
            PROCESS GAS
                POINT SOURCES                173              1679              2467                44               805
            LIQUID PETROL GAS
                POINT SOURCES                  0                 1                 5                 0                 1
            OTHER
                POINT SOURCES                 65               221               305                 5                25
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 186              1181             13954              3790              1937
                POINT SOURCES               3795             28026             26085               323              3240
```

```
*** N01 ***                                                                                          *** N01 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  37            6             6            34            56
                POINT SOURCES                138            2            23           222          2585
        OPEN BURNING
                POINT SOURCES                  2            0             1             3            20
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  37            6             6            34            56
                POINT SOURCES                140            2            24           225          2605

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                2225           87           329          4568         13839
                POINT SOURCES                307           84            90           719          3270

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            30308          955         15283         39547        522339
            LIGHT DUTY TRUCKS              12928          605          8776         19834        259959
            HEAVY DUTY VEHICLES             1467          104          2136          5857        114316
            OFF HIGHWAY                       79           39           885          2351         29726
            TOTAL (GASOLINE)               44782         1703         27080         67589        926340

        DIESEL

            HEAVY DUTY VEHICLES             6001         2313         10675          6601         16425
            OFF HIGHWAY                      560          439          5284           801          1596
            RAIL                             916         2087         13546          3289          4762
            TOTAL (DIESEL)                  7477         4839         29505         10691         22783

    AIRCRAFT

        MILITARY                             439           29           225           515          1065
        CIVIL                                 12            3            62           193          3843
        COMMERCIAL                            24           56           567           503          1561
        TOTAL (AIRCRAFT)                     475           88           854          1211          6469

    VESSELS

        GASOLINE                               0           14            88          1977          7042
        TOTAL (VESSELS)                        0           14            88          1977          7042

    TOTAL (TRANSPORTATION)                 52734         6644         57527         81468        962634

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        6429           58          1515          7265         52940
    FOREST MANAGED BURNING                  7188           56          1438          5137         40255
    STRUCTURAL FIRES                         303            0            25           225          1233
    GASOLINE STA EVAP LOSS                     0            0             0          6257             0
    SOLVENT EVAPORATION LOSS                   0            0             0         18609             0
    UNPAVED ROADS                         568317            0             0             0             0
    UNPAVED AIRSTRIPS                        119            0             0             0             0
    TOTAL (MISCELLANEOUS)                 582356          114          2978         37493         94428

GRAND TOTAL
***********

    AREA SOURCES                          644533        19047         79424        137622       1103976
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*** N02 ***                                                                                          *** N02 ***
SELECT CARD = <47                                                                  25>
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```
*** NO3 ***                                                                              *** NO3 ***
        ON SITE INCINERATION              221          1          1        639       1969
        OPEN BURNING                     7498        277       1917      10114      32083
        TOTAL (RESIDENTIAL)              7719        278       1918      10753      34052

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              313         86        146        182        449
                POINT SOURCES              87        123        186        147        717
        TOTAL (COMM-INST)
                AREA SOURCES              313         86        146        182        449
                POINT SOURCES              87        123        186        147        717

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              201         26         26        192        321
                POINT SOURCES             329        856        173        152        882
        OPEN BURNING
                AREA SOURCES               56          0         28         84        280
        TOTAL (INDUSTRIAL)
                AREA SOURCES              257         26         54        276        601
                POINT SOURCES             329        856        173        152        882

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             8289        390       2118      11211      35102
                POINT SOURCES             646       1083        589        416       2744

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         88837       3925      85198      99047     953643
            LIGHT DUTY TRUCKS           19269       1361      27812      28652     232763
            HEAVY DUTY VEHICLES          5277        511      16373      17283     274830
            OFF HIGHWAY                   322        172       3647       9716     122792
            TOTAL (GASOLINE)           113705       5969     133030     154698    1584028

        DIESEL

            HEAVY DUTY VEHICLES         14640       7002      63274       7828      23856
            OFF HIGHWAY                   766        596       7187       1100       2173
            RAIL                         1154       2614      16962       4113       5964
            TOTAL (DIESEL)              16560      10212      87423      13041      31993

    AIRCRAFT

        MILITARY                         1207         78        620       1420       2932
        CIVIL                              25         12        145        475       9584
        COMMERCIAL                         41         92        966        856       2659
        TOTAL (AIRCRAFT)                 1273        182       1731       2751      15175

    VESSELS

        DIESEL FUEL                       254        322       2398        600        840
        RESIDUAL OIL                      367       4842        795         48         27
        GASOLINE                            0         52        321       7015      24998
        TOTAL (VESSELS)                   621       5216       3514       7663      25865

    TOTAL (TRANSPORTATION)             132159      21579     225698     178153    1657061

MISCELLANEOUS (AREA)
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                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                       AREA EMISSIONS AS OF:    TUESDAY NOVEMBER 22, 1983
STATE:48 VIRGINIA        AQCR:223 HAMPTON ROADS                                   POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                    PARTICULATES          SOX               NOX                VOC               CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    0                 1                 0                 0                 5
            BITUMINOUS COAL                   44               162                 8                31               263
            DISTILLATE OIL                    64               731               456                17               127
            NATURAL GAS                       19                 5               691                35               138
            WOOD                            2275                25               177              4722             14037
            TOTAL (RESIDENTIAL)             2402               924              1332              4805             14570

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  314              7149              4184                14               120
            RESIDUAL OIL                    1112             20424              5434                62               406
            NATURAL GAS                        0                 0               198                 1                14
            OTHER                              2                 0                 5                 3                 7
            TOTAL (ELEC GEN)                1428             27573              9821                80               547

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 669              3996              1264                 4               163
                POINT SOURCES                 42              1885               865                 4               198
            RESIDUAL OIL
                POINT SOURCES               1617             24361              3596                17               328
            DISTILLATE OIL
                POINT SOURCES                  8               266                80                 0                21
            NATURAL GAS
                AREA SOURCES                  12                 2              2069               583               255
                POINT SOURCES                  0                 0                48                 0                 8
            WOOD
                POINT SOURCES                384                25               280               317               746
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 681              3998              3333               587               418
                POINT SOURCES               2051             26537              4869               338              1301

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                 80               271                83                 0                41
            RESIDUAL OIL
                POINT SOURCES                784             10501              1951                39               176
            DISTILLATE OIL
                POINT SOURCES                 45              3055               408                 7               102
            NATURAL GAS
                AREA SOURCES                  11                 1               366                20                73
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     GASOLINE

          LIGHT DUTY VEHICLES               9848          551        12343        13159       118215
          LIGHT DUTY TRUCKS                 3114          253         5286         5226        40634
          HEAVY DUTY VEHICLES                761           84         2716         2558        40998
          OFF HIGHWAY                         48           26          567         1504        19019
          TOTAL (GASOLINE)                 13771          914        20912        22447       218866

     DIESEL

          HEAVY DUTY VEHICLES               2978         1475        13284         1583         4811
          OFF HIGHWAY                        128          100         1186          183          358
          RAIL                               157          354         2310          560          810
          TOTAL (DIESEL)                    3263         1929        16780         2326         5979

   AIRCRAFT

      CIVIL                                    2            1           15           53         1070
      TOTAL (AIRCRAFT)                         2            1           15           53         1070

   VESSELS

      GASOLINE                                 0            1            5          100          356
      TOTAL (VESSELS)                          0            1            5          100          356

   TOTAL (TRANSPORTATION)                  17036         2845        37712        24926       226271

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          312            2           72          352         2561
   FOREST MANAGED BURNING                      1            0            0            1            8
   STRUCTURAL FIRES                          137            0           10          101          555
   GASOLINE STA EVAP LOSS                      0            0            0         3732            0
   SOLVENT EVAPORATION LOSS                    0            0            0        11431            0
   UNPAVED ROADS                           33154            0            0            0            0
   TOTAL (MISCELLANEOUS)                   33604            2           82        15617         3124

GRAND TOTAL
***********

   AREA SOURCES                            59935        10950        45116        56464       275959

   POINT SOURCES                           29431        49315        26112        28884         5481

   TOTAL                                   89366        60265        71228        85348       281440
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*** N06 ***                                                                                                   *** N06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                         AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE:49 WASHINGTON      AQCR:227 NORTHERN WASHINGTON              POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES        SOX           NOX           VOC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                3               7             0             1            15
         DISTILLATE OIL                 5              84            35             1            10
         NATURAL GAS                    0               0            31             1             6
         WOOD                        3736              38           295          7756         23052
         TOTAL (RESIDENTIAL)         3744             129           361          7759         23083

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                6              26             9             0             2
         RESIDUAL OIL
            AREA SOURCES                9             112            25             0             3
            POINT SOURCES               4               4            20             0             2
         DISTILLATE OIL
            AREA SOURCES                2              32            24             0             7
         NATURAL GAS
            AREA SOURCES                0               0           107            31            12
            POINT SOURCES               0               0             9             0             1
         WOOD
            POINT SOURCES             691              34           383           433          1020
         TOTAL (INDUSTRIAL)
            AREA SOURCES               17             170           165            31            24
            POINT SOURCES             695              38           412           433          1023

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               11              31             9             0             5
         RESIDUAL OIL
            AREA SOURCES               12             159            36             0             3
         DISTILLATE OIL
            AREA SOURCES                0              20             8             0             1
         NATURAL GAS
            AREA SOURCES                1               0            35             1             7
         TOTAL (COMM-INST)
            AREA SOURCES               24             210            88             1            16

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             3785             509           616          7791         23123
            POINT SOURCES             695              38           412           433          1023

   TOTAL (FUEL COMBUSTION)
```

GASOLINE					
LIGHT DUTY VEHICLES	6419	245	5584	7540	75289
LIGHT DUTY TRUCKS	2982	158	3323	4334	38448
HEAVY DUTY VEHICLES	305	24	788	967	15237
OFF HIGHWAY	21	10	226	602	7619
TOTAL (GASOLINE)	9727	437	9921	13443	136593
DIESEL					
HEAVY DUTY VEHICLES	820	366	3329	443	1358
OFF HIGHWAY	469	367	4412	672	1332
RAIL	86	197	1281	310	451
TOTAL (DIESEL)	1375	930	9022	1425	3141
AIRCRAFT					
MILITARY	79	5	41	94	193
CIVIL	6	4	29	92	1840
COMMERCIAL	11	23	249	221	687
TOTAL (AIRCRAFT)	96	32	319	407	2720
VESSELS					
DIESEL FUEL	21	26	197	50	69
GASOLINE	0	9	54	1169	4169
TOTAL (VESSELS)	21	35	251	1219	4238
TOTAL (TRANSPORTATION)	11219	1434	19513	16494	146692
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	185	2	43	209	1529
FOREST MANAGED BURNING	5135	38	1027	3672	28756
AGRICULTURAL BURNING	461	0	65	425	3067
STRUCTURAL FIRES	90	0	9	68	370
GASOLINE STA EVAP LOSS	0	0	0	2035	0
SOLVENT EVAPORATION LOSS	0	0	0	4385	0
UNPAVED ROADS	7029	0	0	0	0
UNPAVED AIRSTRIPS	39	0	0	0	0
TOTAL (MISCELLANEOUS)	12939	40	1144	10794	33722
GRAND TOTAL ***********					
AREA SOURCES	28748	4866	23674	36389	206963
POINT SOURCES	19092	6444	6084	2118	18532
TOTAL	47840	11310	29758	38507	225495

```
          MILITARY                        49          3         25         58        119
          CIVIL                            1          1          6         20        404
          COMMERCIAL                       3          6         65         58        179
          TOTAL (AIRCRAFT)                53         10         96        136        702

     VESSELS

          DIESEL FUEL                     24         31        223         57         77
          GASOLINE                         0          1         10        203        724
          TOTAL (VESSELS)                 24         32        233        260        801

     TOTAL (TRANSPORTATION)             2527        505       6625       4530      44889

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                    104          0         25        116        849
     STRUCTURAL FIRES                     44          0          4         32        177
     GASOLINE STA EVAP LOSS                0          0          0        752          0
     SOLVENT EVAPORATION LOSS              0          0          0       1802          0
     UNPAVED ROADS                     26635          0          0          0          0
     TOTAL (MISCELLANEOUS)             26783          0         29       2702       1026

GRAND TOTAL
***********

     AREA SOURCES                      31559        948      14193      13560      59434

     POINT SOURCES                     14164      61934      32324        249      91213

     TOTAL                             45723      62882      46517      13809     150647
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         TOTAL (EXTERNAL COMB)
                 AREA SOURCES                 1659              423             2035             3868            10269
                 POINT SOURCES                 157             1727              381               34               78

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                 1659              423             2035             3868            10269
                 POINT SOURCES                 157             1727              381               34               78

INDUSTRIAL PROCESS (POINT)
**************************

     SECONDARY METALS                           10                0                0                0                0
     MINERAL PRODUCTS                         1212             1781             1972               10                6
     METAL FABRICATION                          24                0                0                0                0
     OTHER/NOT CLASSIFIED                        0             2064                0                0                0
     TOTAL (INDUSTRIAL)                       1246             3845             1972               10                6

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION                    3                0                0                9               29
         OPEN BURNING                          227                8               59              307              975
         TOTAL (RESIDENTIAL)                   230                8               59              316             1004

     INDUSTRIAL

         OPEN BURNING
                 AREA SOURCES                    2                0                1                3               10
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                    2                0                1                3               10

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                  232                8               60              319             1014

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES               717               60             1337             1208             9742
             LIGHT DUTY TRUCKS                 230               26              532              462             3281
             HEAVY DUTY VEHICLES                99               14              501              362             5946
             OFF HIGHWAY                         6                3               54              146             1847
             TOTAL (GASOLINE)                 1052              103             2424             2178            20816

         DIESEL

             HEAVY DUTY VEHICLES                57               34              308               30               86
             OFF HIGHWAY                        19               16              186               28               57
             RAIL                               35               81              521              127              183
             TOTAL (DIESEL)                    111              131             1015              185              326

     AIRCRAFT

         MILITARY                               38                2               19               44               91
         CIVIL                                   0                0                3                9              175
         TOTAL (AIRCRAFT)                       38                2               22               53              266

     VESSELS

         GASOLINE                                0                0                1               25               90
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE EMISSIONS REPORT                                                             RUN DATE:    MONDAY  NOVEMBER 28, 1983
**************************                                              AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 51:WISCONSIN                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES          SOX              NOX              VOC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              397             4579             2860              108              796
            NATURAL GAS                 183               32             6203              330             1241
            WOOD                      28671              302             2262            59515           176896
            TOTAL (RESIDENTIAL)       29251             4913            11325            59953           178933

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           17285           411424           158015             1425             5860
            RESIDUAL OIL                 10              600              208                2               14
            DISTILLATE OIL                0              191               91                0               20
            NATURAL GAS                  15               68             1496                7              124
            TOTAL (ELEC GEN)          17310           412283           159810             1434             6018

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         17483           103360            30294              579             2793
            RESIDUAL OIL
                POINT SOURCES           876            18462             3265               46              256
            DISTILLATE OIL
                POINT SOURCES            43             1173              335                3               65
            NATURAL GAS
                AREA SOURCES            101               15            10525             1888             1175
                POINT SOURCES           223              862             5235               88              629
            PROCESS GAS
                POINT SOURCES             9               19              130                6               18
            WOOD
                POINT SOURCES          2503             1574             3064             1124             1176
            LIQUID PETROL GAS
                POINT SOURCES             1               19               54                1               13
            OTHER
                POINT SOURCES           129            16386              763                2               13
            TOTAL (INDUSTRIAL)
                AREA SOURCES            101               15            10525             1888             1175
                POINT SOURCES         21267           141855            43140             1847             4963

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              3               41                8                0                0
            BITUMINOUS COAL
                POINT SOURCES          2214             7875             1231              129              458
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              POINT SOURCES              2              0              0              2              2
        OPEN BURNING
              AREA SOURCES              14              0              7             22             75
        TOTAL (INDUSTRIAL)
              AREA SOURCES              29              2              9             37            101
              POINT SOURCES              2              0              0              2              2

     TOTAL (SOLID WASTE DISP)
              AREA SOURCES            1067             47            234           1756           5400
              POINT SOURCES             12              0              0              8             10

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES        7015            391           8926           9242          87389
           LIGHT DUTY TRUCKS          2602            207           4549           4553          36918
           HEAVY DUTY VEHICLES         602             71           2398           2112          34037
           OFF HIGHWAY                  36             17            394           1048          13242
           TOTAL (GASOLINE)          10255            686          16267          16955         171586

        DIESEL

           HEAVY DUTY VEHICLES        1312            668           6002            697           2108
           OFF HIGHWAY                 411            323           3854            586           1166
           RAIL                         70            155           1001            243            353
           TOTAL (DIESEL)             1793           1146          10857           1526           3627

     AIRCRAFT

        MILITARY                         5              0              3              6             12
        CIVIL                            4              1             29             84           1679
        COMMERCIAL                       2              4             43             38            119
        TOTAL (AIRCRAFT)                11              5             75            128           1810

     VESSELS

        GASOLINE                         0             18             94           2078           7398
        TOTAL (VESSELS)                  0             18             94           2078           7398

     TOTAL (TRANSPORTATION)          12059           1855          27293          20687         184421

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                  232              0             53            264           1917
     STRUCTURAL FIRES                  146              0             14            107            592
     GASOLINE STA EVAP LOSS              0              0              0           2751              0
     SOLVENT EVAPORATION LOSS            0              0              0           7274              0
     UNPAVED ROADS                   93112              0              0              0              0
     TOTAL (MISCELLANEOUS)           93490              0             67          10396           2509

GRAND TOTAL
***********

     AREA SOURCES                   115023           3083          30491          50253         243903

     POINT SOURCES                    5064          59229          25518           6158           2673

     TOTAL                          120087          62312          56009          56411         246576
```

```
          DISTILLATE OIL
              AREA SOURCES               20              274              190                2               46
              POINT SOURCES               0               11                3                0                0
          NATURAL GAS
              AREA SOURCES               40                7             1315               70              264
              POINT SOURCES               5                1              344                2               40
          TOTAL (COMM-INST)
              AREA SOURCES               62              294             1509               72              310
              POINT SOURCES             874             1555              940               33              134

      TOTAL (EXTERNAL COMB)
              AREA SOURCES             1087             1475             9304             2678             6479
              POINT SOURCES            7990           173846            64027              374             2512

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                  9               70              135               29               31
          NATURAL GAS                     3                0              321               86               51
          TOTAL (ELEC GEN)               12               70              456              115               82

      INDUSTRIAL FUEL

          NATURAL GAS                     0                0              142                2                9
          TOTAL (INDUSTRIAL)              0                0              142                2                9

      ENGINE-TESTING

          TOTAL (ENG TESTNG)              7                7               57               98              256

      TOTAL (INTERNAL COMB)              19               77              655              215              347

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES             1087             1475             9304             2678             6479
              POINT SOURCES            8009           173923            64682              589             2859

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               40                0               52              910                0
    FOOD/AGRICULTURAL                   266              123              106               82               25
    PRIMARY METAL                       554              503              177              612              189
    SECONDARY METALS                   1005              703             1158              359             8139
    MINERAL PRODUCTS                   8136              975              296                9                9
    ORGANIC SOLVENT EVAPORATION           6                1              101            24691               16
    PETROLEUM STORAGE/TRANSPORT           0                0                0             3001                0
    METAL FABRICATION                     0                0                3               26                1
    OTHER/NOT CLASSIFIED                  0              261                1                2                0
    TOTAL (INDUSTRIAL)                10007             2566             1894            29692             8379

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          239               84               84               55             1099
        OTHER INCINERATION               11               18              112                9                0
        TOTAL (GOVERNMENT)              250              102              196               64             1099

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           2050               31               65             5766            17290
        OPEN BURNING                   2913              108              746             3931            12470
        TOTAL (RESIDENTIAL)            4963              139              811             9695            29760
```

```
SELECT CARD = <52    242                                                            65>
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE EMISSIONS REPORT                                                                  RUN DATE:    MONDAY   NOVEMBER 28, 1983
**************************                                                 AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
STATE 55:VIRGIN ISLANDS                                                   POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                                  PARTICULATES         SOX             NOX             VOC             CO
                                  ************    ************    ************    ************    ************
                                   TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES            233            3090            1004               5              91
            DISTILLATE OIL
                AREA SOURCES               0               3               1               0               0
                POINT SOURCES              0               5               1               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES               0               3               1               0               0
                POINT SOURCES            233            3095            1005               5              91

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                POINT SOURCES              0              20               3               0               1
            TOTAL (COMM-INST)
                POINT SOURCES              0              20               3               0               1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               0               3               1               0               0
                POINT SOURCES            233            3115            1008               5              92

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               0               3               1               0               0
                POINT SOURCES            233            3115            1008               5              92

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               201              74               0               0               0
    MINERAL PRODUCTS                    1100               1               1               1               1
    PETROLEUM INDUSTRY                    61             754             641               5              74
    OTHER/NOT CLASSIFIED                  30              74               0               0               0
    TOTAL (INDUSTRIAL)                  1392             903             642               6              75

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         1723             116            2520            2385           20063
            LIGHT DUTY TRUCKS            332              29             577             553            4083
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

AQCR EMISSIONS REPORT                                                            RUN DATE:     MONDAY   NOVEMBER 28, 1983
*********************                                                AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
AQCR:007 TENNESSEE RIVER VALLEY-CUMBERLAND MOUNTAINS                POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                                   PARTICULATES          SOX               NOX               VOC               CO
                                   ************    ************      ************      ************      ************
                                    TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 256             1268                50               169              1528
            DISTILLATE OIL                    6               84                49                 0                11
            NATURAL GAS                      19                2               707                38               144
            WOOD                           5108               55               404             10602             31513
            TOTAL (RESIDENTIAL)            5387             1389              1210             10809             33196

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                4270           215541             66749               222              1907
            DISTILLATE OIL                    0               55                21                 0                 4
            OTHER                            40                4                87                53               124
            TOTAL (ELEC GEN)               4310           215600             66857               275              2035

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               1052            10358              2049                 6               263
                POINT SOURCES               533            25842              4960                26              1532
            RESIDUAL OIL
                POINT SOURCES              1777            23068              5692                44               364
            DISTILLATE OIL
                POINT SOURCES               103              238               116                 5                17
            NATURAL GAS
                AREA SOURCES                 47                8             17036              6137              2250
                POINT SOURCES                57               15              2657                41               171
            WOOD
                POINT SOURCES               307               67               416              1182              1186
            TOTAL (INDUSTRIAL)
                AREA SOURCES               1099            10366             19085              6143              2513
                POINT SOURCES              2777            49230             13841              1298              3270

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 20               67                24                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                 30              212                28                 0                15
                POINT SOURCES                22               62                16                 5                16
            RESIDUAL OIL
                AREA SOURCES                  1               30                 2                 0                 0
            DISTILLATE OIL
                AREA SOURCES                  8              140                99                 1                26
    TOTAL                              666792         186913         202033         90332         569038
```

```
          RESIDUAL OIL
              AREA SOURCES                767          14272           2247             44            204
          DISTILLATE OIL
              AREA SOURCES                  1             24             17              0              6
              POINT SOURCES                 3             36             25              0              6
          NATURAL GAS
              AREA SOURCES                 13              1            628             30            123
          TOTAL (COMM-INST)
              AREA SOURCES                781          14297           2892             74            331
              POINT SOURCES                 3             36             25              0              6

      TOTAL (EXTERNAL COMB)
              AREA SOURCES               8951          30172          64858          35189          47687
              POINT SOURCES             18769         137330         150445           3315          15474

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    6              2            186              4             11
          NATURAL GAS                      34             11           3455            450            189
          TOTAL (ELEC GEN)                 40             13           3641            454            200

      INDUSTRIAL FUEL

          DISTILLATE OIL                    0              0              2              0              1
          NATURAL GAS                     129             14          36982           4984           6629
          GASOLINE                          0              0              1              1             11
          TOTAL (INDUSTRIAL)              129             14          36985           4985           6641

      TOTAL (INTERNAL COMB)               169             27          40626           5439           6841

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES               8951          30172          64858          35189          47687
              POINT SOURCES             18938         137357         191071           8754          22315

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                 5789          56656            274          12535           4131
  FOOD/AGRICULTURAL                       720              0              3              7              0
  PRIMARY METAL                          1758           2365           2047            827           9375
  SECONDARY METALS                        976            111           1340            155            612
  MINERAL PRODUCTS                      14821          14202           7129            380            891
  PETROLEUM INDUSTRY                      262           7799           2729           9119            243
  WOOD PRODUCTS                          6185           4902           1738            322          36457
  ORGANIC SOLVENT EVAPORATION               3              0              0           3453              0
  PETROLEUM STORAGE/TRANSPORT               0              0              0          18320              0
  METAL FABRICATION                         0              0              0             24              0
  OTHER/NOT CLASSIFIED                     75           1188             70           7452             23
  TOTAL (INDUSTRIAL)                    30589          87223          15330          52594          51732

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      OPEN BURNING                          1              0              1              3              8
      TOTAL (GOVERNMENT)                    1              0              1              3              8

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                375              1              6           1055           3163
      OPEN BURNING                       1826             73            467           2462           7810
      TOTAL (RESIDENTIAL)                2201             74            473           3517          10973
```

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G01...STATE:45 TEXAS             AQCR:218
H01...STATE:45 TEXAS             AQCR:218
I01...STATE:45 TEXAS             AQCR:218
J01...STATE:45 TEXAS             AQCR:218
K01...STATE:45 TEXAS             AQCR:218
L01...STATE 46:UTAH
M01...STATE 46:UTAH
N01...STATE 46:UTAH
O01...STATE 46:UTAH
A02...STATE 46:UTAH
B02...STATE:46 UTAH              AQCR:014
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FICHE/SEGMT    7    7 CKPT:    1, 4428,  570,    2,  126
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*** 001 ***                                                                                            *** 001 ***
    POINT SOURCES                     30408          88929          72682           9226          34347

    TOTAL                            674961         107976         152106         146848        1138323
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                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE EMISSIONS REPORT                                                        RUN DATE:   MONDAY   NOVEMBER 28, 1983
**************************                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
STATE 47:VERMONT                                                POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                            PARTICULATES       SOX            NOX            VOC             CO
                            ************  ************   ************   ************   ************
                             TONS / YR     TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               7            21              0              7             69
         DISTILLATE OIL              116          1987            828             33            230
         NATURAL GAS                   2             0            156              7             29
         WOOD                       6600            67            521          13697          40710
         TOTAL (RESIDENTIAL)        6723          2075           1505          13744          41038

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             183           261            116              5             14
         DISTILLATE OIL                0           169             10              0              0
         NATURAL GAS                   1             9            270              2              5
         OTHER                       244            68            225             66             65
         TOTAL (ELEC GEN)            428           507            619             73             84

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               3            45             22              0              0
         BITUMINOUS COAL
            AREA SOURCES              14           116             27              0              3
         RESIDUAL OIL
            POINT SOURCES             82          1094            423              1             38
         DISTILLATE OIL
            AREA SOURCES               6           128             97              1             23
            POINT SOURCES              2            51              5              0              1
         NATURAL GAS
            AREA SOURCES               0             0            143              0             35
         COKE
            AREA SOURCES              21            49             14              0              6
         WOOD
            POINT SOURCES            195             3             35             40             91
         TOTAL (INDUSTRIAL)
            AREA SOURCES              44           338            303              1             67
            POINT SOURCES            279          1148            463             41            130

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              96           320            115              0              6
         RESIDUAL OIL
            AREA SOURCES              56           822            168              1             17
```

```
    FOREST WILDFIRES                          1511              5              348             1701            12380
    FOREST MANAGED BURNING                    1448              3              285             1035             8096
    STRUCTURAL FIRES                          1177              0               99              876             4759
    GASOLINE STA EVAP LOSS                       0              0                0            24175                0
    SOLVENT EVAPORATION LOSS                     0              0                0            68249                0
    UNPAVED ROADS                           164902              0                0                0                0
    UNPAVED AIRSTRIPS                            2              0                0                0                0
    TOTAL (MISCELLANEOUS)                   169040              8              732            96036            25235

GRAND TOTAL
***********

    AREA SOURCES                            359553          60632           261448           379563          1994908

    POINT SOURCES                           110645         296375           148548            95829            86566

    TOTAL                                   470198         357007           409996           475392          2081474
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                    POINT SOURCES              0           0          16           0           4
                TOTAL (COMM-INST)
                    AREA SOURCES              11           1         366          20          73
                    POINT SOURCES            909       13827        2458          46         323

            TOTAL (EXTERNAL COMB)
                    AREA SOURCES            3094        4923        5031        5412       15061
                    POINT SOURCES           4388       67937       17148         464        2171

        INTERNAL COMBUSTION (POINT)

            ELECTRIC GENERATION

                DISTILLATE OIL                27         218         375          26          85
                NATURAL GAS                    8           0         235           7          66
                TOTAL (ELEC GEN)              35         218         610          33         151

            ENGINE-TESTING

                TOTAL (ENG TESTNG)             4          13          15          46          33

            TOTAL (INTERNAL COMB)             39         231         625          79         184

        TOTAL (FUEL COMBUSTION)

                    AREA SOURCES            3094        4923        5031        5412       15061
                    POINT SOURCES           4427       68168       17773         543        2355

    INDUSTRIAL PROCESS (POINT)
    **************************

        CHEMICAL MANUFACTURING               704        3646         548        2720         100
        FOOD/AGRICULTURAL                   2091         561         126           8          23
        PRIMARY METAL                          3          11          13           0         328
        SECONDARY METALS                      20           0           2          52           0
        MINERAL PRODUCTS                     249         474          18          48          19
        PETROLEUM INDUSTRY                   436        2332         796        1012         202
        WOOD PRODUCTS                        988        1710         615         251       11852
        ORGANIC SOLVENT EVAPORATION           44          11          13        6463           2
        PETROLEUM STORAGE/TRANSPORT         1117        4775         976        5797           0
        METAL FABRICATION                    146           0           0          26           0
        OTHER/NOT CLASSIFIED                 408          22          26        2735           4
        TOTAL (INDUSTRIAL)                  6206       13542        3133       19112       12530

    SOLID WASTE DISPOSAL
    ********************

        GOVERNMENT (POINT)

            MUNICIPAL INCINERATION           142          74          89          46        1045
            OPEN BURNING                       8           0           1           6          16
            TOTAL (GOVERNMENT)               150          74          90          52        1061

        RESIDENTIAL (AREA)

            ON SITE INCINERATION              37           0           0         103         314
            OPEN BURNING                     778          28         199        1050        3330
            TOTAL (RESIDENTIAL)              815          28         199        1153        3644

        COMMERCIAL-INSTITUTIONAL

            ON SITE INCINERATION
                    AREA SOURCES              54          18          28          32          78
                    POINT SOURCES             40         105         126         137         428
            TOTAL (COMM-INST)
                    AREA SOURCES              54          18          28          32          78
```

```
SELECT CARD = <49                                                  25>
```

```
                AREA SOURCES                    3785           509           614          7791         23123
                POINT SOURCES                    695            38           412           433          1023

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                      1534             0             1             1            10
    FOOD/AGRICULTURAL                            102             0             0             0             2
    PRIMARY METAL                               2003          2500           110            22         27222
    SECONDARY METALS                              45             0             0             0             0
    MINERAL PRODUCTS                            1088           812           481             5           160
    WOOD PRODUCTS                                567             0             0            16             0
    TOTAL (INDUSTRIAL)                          5339          3312           592            44         27394

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     305             5             9           856          2567
        OPEN BURNING                             299            12            77           403          1280
        TOTAL (RESIDENTIAL)                      604            17            86          1259          3847

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                       5             1             2             3             8
        OPEN BURNING
                POINT SOURCES                     53             0            12            75           437
        TOTAL (COMM-INST)
                AREA SOURCES                       5             1             2             3             8
                POINT SOURCES                     53             0            12            75           437

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                       3             0             0             3             6
                POINT SOURCES                    222             4            32           348          4094
        OPEN BURNING
                AREA SOURCES                       2             0             1             3            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                       5             0             1             6            16
                POINT SOURCES                    222             4            32           348          4094

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                     614            18            89          1268          3871
                POINT SOURCES                    275             4            44           423          4531

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                 1544            98          2260          2384         20708
            LIGHT DUTY TRUCKS                    920            82          1781          1766         13421
            HEAVY DUTY VEHICLES                   69             8           285           239          3852
            OFF HIGHWAY                           10             5           106           281          3549
            TOTAL (GASOLINE)                    2543           193          4432          4670         41530

        DIESEL

            HEAVY DUTY VEHICLES                  350           197          1758           183           549
            OFF HIGHWAY                          232           182          2184           333           659
            RAIL                                  31            69           452           109           160
```

```
*** 007 ***                                                                                                                  *** 007 ***
SELECT CARD = <50                                                                                  25>
```

```
*** 008 ***                                                                                                   *** 008 ***
SELECT CARD = <50    181                                                       65>
```

```
*** 009 ***
          TOTAL (VESSELS)                        0             0             1             25             90

    TOTAL (TRANSPORTATION)                    1201           236          3462           2441          21498

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                            77             1            18             89            643
    STRUCTURAL FIRES                            22             0             2             16             89
    GASOLINE STA EVAP LOSS                       0             0             0            317              0
    SOLVENT EVAPORATION LOSS                     0             0             0            865              0
    UNPAVED ROADS                             3507             0             0              0              0
    TOTAL (MISCELLANEOUS)                     3606             1            20           1287            732

GRAND TOTAL
***********

    AREA SOURCES                              6698           668          5577           7915          33513

    POINT SOURCES                             1403          5572          2353             44             84

    TOTAL                                     8101          6240          7930           7959          33597
```

```
            RESIDUAL OIL
                POINT SOURCES                22              309              135                5                9
            DISTILLATE OIL
                AREA SOURCES                 59              899              630                3              161
                POINT SOURCES                40              287               86                9               38
            NATURAL GAS
                AREA SOURCES                 86               11             3012              157              604
                POINT SOURCES                16                2             1644               18              134
            TOTAL (COMM-INST)
                AREA SOURCES                148              951             3650              160              765
                POINT SOURCES              2292             8473             3096              161              639

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              29500             5879            25500            62001           180873
                POINT SOURCES             40869           562611           206046             3442            11620

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  106             1409             1479              143              332
            NATURAL GAS                      54              307             1445              179              309
            TOTAL (ELEC GEN)                160             1716             2924              322              641

        INDUSTRIAL FUEL

            DISTILLATE OIL                   62               83              470               21               74
            NATURAL GAS                       1                0              311                4                9
            TOTAL (INDUSTRIAL)               63               83              781               25               83

        ENGINE-TESTING

            TOTAL (ENG TESTNG)               18               17              148              231              554

        TOTAL (INTERNAL COMB)               241             1816             3853              578             1278

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              29500             5879            25500            62001           180873
                POINT SOURCES             41110           564427           209899             4020            12898

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  983              498              522             1250              144
    FOOD/AGRICULTURAL                      3470              178              174              126               88
    PRIMARY METAL                           554              503              177              612              189
    SECONDARY METALS                       2153             1283             1482              781            19166
    MINERAL PRODUCTS                      25936             3301             1041              203              110
    PETROLEUM INDUSTRY                       12              831              397              524               54
    WOOD PRODUCTS                          8574            22034             3063              201             8400
    ORGANIC SOLVENT EVAPORATION              16                1              172            56282              844
    PETROLEUM STORAGE/TRANSPORT               0                0                0            11439                0
    METAL FABRICATION                        36                0                6               26                2
    TEXTILE MANUFACTURING                   117                0                1                0                0
    OTHER/NOT CLASSIFIED                     72              887               88              203               26
    TOTAL (INDUSTRIAL)                    41923            29516             7123            71647            29023

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             1884              351              338              462             4543
        OTHER INCINERATION                   11               18              112                9                0
        TOTAL (GOVERNMENT)                 1895              369              450              471             4543
```

```
SELECT CARD = <51    129                                                                     45>
STATE 51 COUNTY 0180 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3180 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3500 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3700 NOT FOUND IN POINT FILE
```

```
   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES              1459             460              692             844             1994
               POINT SOURCES               89               2               44               0                0
       OPEN BURNING
               AREA SOURCES                56               3               20             105              293
       TOTAL (COMM-INST)
               AREA SOURCES              1515             463              712             949             2287
               POINT SOURCES               89               2               44               0                0

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES                25               4                4              22               34
               POINT SOURCES                3               2               12               2                2
       OPEN BURNING
               AREA SOURCES                47               1               17              82              284
       TOTAL (INDUSTRIAL)
               AREA SOURCES                72               5               21             104              318
               POINT SOURCES                3               2               12               2                2

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES              6550             607             1544           10748            32365
               POINT SOURCES              342             106              252              66             1101

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES          33504            1126            24589           33416           365681
           LIGHT DUTY TRUCKS             5726             274             5709            7449            71096
           HEAVY DUTY VEHICLES           1597             122             3778            5146            80263
           OFF HIGHWAY                    111              59             1249            3322            41986
           TOTAL (GASOLINE)             40938            1581            35325           49333           559026

       DIESEL

           HEAVY DUTY VEHICLES           3958            1605            14727            2154             6667
           OFF HIGHWAY                    256             198             2402             367              727
           RAIL                           206             470             3046             739             1071
           TOTAL (DIESEL)                4420            2273            20175            3260             8465

   AIRCRAFT

       MILITARY                            43               3               21              50              103
       CIVIL                               10               6               49             150             2994
       COMMERCIAL                          22              51              526             467             1451
       TOTAL (AIRCRAFT)                    75              60              596             667             4548

   VESSELS

       DIESEL FUEL                         43              53              399              99              139
       RESIDUAL OIL                         6              74               12               1                0
       GASOLINE                             0               4               28             621             2214
       TOTAL (VESSELS)                     49             131              439             721             2353

   TOTAL (TRANSPORTATION)               45482            4045            56535           53981           574392

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         0               0                0               0                2
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:     MONDAY   NOVEMBER 28, 1983
***************************                                             AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
STATE:52 WYOMING          AQCR:242 METROPOLITAN CHEYENNE               POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC              CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                25              52                5               17              151
         DISTILLATE OIL                  0               4                1                0                0
         NATURAL GAS                     6               1              163                9               33
         WOOD                          365               3               29              757             2251
         TOTAL (RESIDENTIAL)           396              60              198              783             2435

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               617            8663            32394              108              926
         TOTAL (ELEC GEN)              617            8663            32394              108              926

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                18             198               53                0                5
            POINT SOURCES              149            1948              251                1               22
         DISTILLATE OIL
            AREA SOURCES               120            1789             1347               46              320
         NATURAL GAS
            AREA SOURCES                13               2             7308             2829              984
            POINT SOURCES                1               0               39                1               10
         PROCESS GAS
            POINT SOURCES                1               2               34                1                9
         WOOD
            POINT SOURCES                5               0                5                6               13
         TOTAL (INDUSTRIAL)
            AREA SOURCES               151            1989             8708             2875             1309
            POINT SOURCES              156            1950              329                9               54

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               143             458              154                8               91
         RESIDUAL OIL
            AREA SOURCES                 1              16                6                0                0
         DISTILLATE OIL
            AREA SOURCES                 4             113               55                1               13
         NATURAL GAS
            AREA SOURCES                 2               0               82                4               17
            POINT SOURCES                0               0                1                0                0
         TOTAL (COMM-INST)
            AREA SOURCES               150             587              293               13              121
            POINT SOURCES                0               0                1                0                0
```

```
          HEAVY DUTY VEHICLES              170          21         700         570        9259
          TOTAL (GASOLINE)                2225         164        3797        3508       33385

       DIESEL

          HEAVY DUTY VEHICLES                5           3          27           3           9
          TOTAL (DIESEL)                     5           3          27           3           9

    AIRCRAFT

       COMMERCIAL                           44         102        1060         940        2921
       TOTAL (AIRCRAFT)                     44         102        1060         940        2921

    VESSELS

       RESIDUAL OIL                          3          36           6           0           0
       TOTAL (VESSELS)                       3          36           6           0           0

    TOTAL (TRANSPORTATION)                2277         305        4890        4451       36315

MISCELLANEOUS (AREA)
********************

    GASOLINE STA EVAP LOSS                   0           0           0         661           0
    SOLVENT EVAPORATION LOSS                 0           0           0          33           0
    TOTAL (MISCELLANEOUS)                    0           0           0         694           0

GRAND TOTAL
***********

    AREA SOURCES                          2277         308        4891        5145       36315

    POINT SOURCES                         1625        4018        1650          11         167

    TOTAL                                 3902        4326        6541        5156       36482
```

```
                POINT SOURCES                  1                35                29                 0                 2
            NATURAL GAS
                AREA SOURCES                   5                 0               276                12                55
                POINT SOURCES                  0                 0                17                 0                 3
            TOTAL (COMM-INST)
                AREA SOURCES                  64               449               629                13                96
                POINT SOURCES                 23                97                62                 5                21

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                6550             12204             20724             16965             35805
                POINT SOURCES               7110            264927             80760              1578              5326

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     0                33                33                 2                 7
            TOTAL (ELEC GEN)                   0                33                33                 2                 7

        TOTAL (INTERNAL COMB)                  0                33                33                 2                 7

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                6550             12204             20724             16965             35805
                POINT SOURCES               7110            264960             80793              1580              5333

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              7290                 1              6150             15679             14910
    FOOD/AGRICULTURAL                   2266               495                 1              1076                 0
    PRIMARY METAL                       2065              1609                 5                 2             26383
    SECONDARY METALS                    1144                 3                18                 6                 7
    MINERAL PRODUCTS                    3525              2051              1422               678               150
    PETROLEUM INDUSTRY                  1046                 0                 0                 0                 0
    WOOD PRODUCTS                        346               535               223               834              5501
    ORGANIC SOLVENT EVAPORATION            8                 0                 2              1852                 0
    PETROLEUM STORAGE/TRANSPORT            0                 0                 0                50                 0
    METAL FABRICATION                     12                 0                 0                 0                 0
    TEXTILE MANUFACTURING                  5                 0                 1                86                 0
    OTHER/NOT CLASSIFIED                   6                 0                 1                11                 0
    TOTAL (INDUSTRIAL)                 17713              4694              7823             20274             46951

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             623                 6                18              1760              5274
        OPEN BURNING                    1939                74               495              2618              8303
        TOTAL (RESIDENTIAL)             2562                80               513              4378             13577

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                 41                61                55                47               532
        OPEN BURNING
                AREA SOURCES                  20                 0                 5                37                89
        TOTAL (COMM-INST)
                AREA SOURCES                  20                 0                 5                37                89
                POINT SOURCES                 41                61                55                47               532

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                319                81               123               298               778
```

```
SELECT CARD = <      017                                                                       40>
STATE 37 COUNTY 0040 NOT FOUND IN POINT FILE
```

```
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 50          10          23          30          69
                POINT SOURCES                46           1          10         172           1
        TOTAL (COMM-INST)
                AREA SOURCES                 50          10          23          30          69
                POINT SOURCES                46           1          10         172           1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 28           0           0          28          54
                POINT SOURCES               845          68         178         763        6906
        OPEN BURNING
                AREA SOURCES                 12           0           6          18          60
                POINT SOURCES               196          10          70         355        1122
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 40           0           6          46         114
                POINT SOURCES              1041          78         248        1118        8026

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               2291          84         502        3593       11156
                POINT SOURCES              1088          79         259        1293        8035

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           27984        1279       26609       29689      282742
            LIGHT DUTY TRUCKS             10957         707       13391       14450      119777
            HEAVY DUTY VEHICLES            2143         204        6494        6804      108542
            OFF HIGHWAY                     107          57        1168        3106       39242
            TOTAL (GASOLINE)              41191        2247       47462       54049      550303

        DIESEL

            HEAVY DUTY VEHICLES            5942        2829       25557        3177        9692
            OFF HIGHWAY                    1891        1480       17775        2706        5374
            RAIL                            714        1630       10571        2566        3716
            TOTAL (DIESEL)                 8547        5939       53903        8449       18782

    AIRCRAFT

        MILITARY                            347          22         177         409         843
        CIVIL                                 9           6          60         194        3850
        COMMERCIAL                           16          37         393         349        1079
        TOTAL (AIRCRAFT)                    372          65         630         952        5772

    VESSELS

        GASOLINE                              0          30         196        4264       15196
        TOTAL (VESSELS)                       0          30         196        4264       15196

    TOTAL (TRANSPORTATION)                50110        8281      102191       67714      590053

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      14765         131        3469       16655      121447
    FOREST MANAGED BURNING                 4586          31         916        3275       25673
    STRUCTURAL FIRES                        389           0          35         289        1575
    GASOLINE STA EVAP LOSS                    0           0           0        7815           0
```

```
A10...STATE:50 WEST VIRGINIA   AQCR:233    A13...STATE:51 WISCONSIN      AQCR:239    A16...AQCR:007 TENNESSEE RIVER VALLEY-C
B10...STATE:50 WEST VIRGINIA   AQCR:234    B13...STATE:51 WISCONSIN      AQCR:239    B16...AQCR:007 TENNESSEE RIVER VALLEY-C
C10...STATE:50 WEST VIRGINIA   AQCR:234    C13...STATE:51 WISCONSIN      AQCR:240    C16...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
D10...STATE:50 WEST VIRGINIA   AQCR:234    D13...STATE:51 WISCONSIN      AQCR:240    D16...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
E10...STATE:50 WEST VIRGINIA   AQCR:234    E13...STATE:51 WISCONSIN      AQCR:240    E16...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
F10...STATE:50 WEST VIRGINIA   AQCR:235    F13...STATE:51 WISCONSIN      AQCR:240    F16...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
G10...STATE:50 WEST VIRGINIA   AQCR:235    G13...STATE 52:WYOMING                    G16...AQCR:013 CLARK-MOHAVE
H10...STATE:50 WEST VIRGINIA   AQCR:235    H13...STATE 52:WYOMING                    H16...AQCR:013 CLARK-MOHAVE
I10...STATE:50 WEST VIRGINIA   AQCR:235    I13...STATE 52:WYOMING                    I16...AQCR:013 CLARK-MOHAVE
J10...STATE:50 WEST VIRGINIA   AQCR:236    J13...STATE 52:WYOMING                    J16...AQCR:013 CLARK-MOHAVE
K10...STATE:50 WEST VIRGINIA   AQCR:236    K13...STATE:52 WYOMING        AQCR:241    K16...AQCR:014 FOUR CORNERS
L10...STATE:50 WEST VIRGINIA   AQCR:236    L13...STATE:52 WYOMING        AQCR:241    L16...AQCR:014 FOUR CORNERS
M10...STATE:50 WEST VIRGINIA   AQCR:236    M13...STATE:52 WYOMING        AQCR:241    M16...AQCR:014 FOUR CORNERS
N10...STATE 51:WISCONSIN                   N13...STATE:52 WYOMING        AQCR:241    N16...AQCR:014 FOUR CORNERS
O10...STATE 51:WISCONSIN                   O13...STATE:52 WYOMING        AQCR:242    O16...AQCR:014 FOUR CORNERS
A11...STATE 51:WISCONSIN                   A14...STATE:52 WYOMING        AQCR:242    A17...AQCR:017 METROPOLITAN FORT SMITH
B11...STATE 51:WISCONSIN                   B14...STATE:52 WYOMING        AQCR:242    B17...AQCR:017 METROPOLITAN FORT SMITH
C11...STATE 51:WISCONSIN                   C14...STATE:52 WYOMING        AQCR:242    C17...AQCR:017 METROPOLITAN FORT SMITH
D11...STATE:51 WISCONSIN       AQCR:068    D14...STATE:52 WYOMING        AQCR:243    D17...AQCR:017 METROPOLITAN FORT SMITH
E11...STATE:51 WISCONSIN       AQCR:068    E14...STATE:52 WYOMING        AQCR:243    E17...AQCR:018 METROPOLITAN MEMPHIS
F11...STATE:51 WISCONSIN       AQCR:068    F14...STATE:52 WYOMING        AQCR:243    F17...AQCR:018 METROPOLITAN MEMPHIS
G11...STATE:51 WISCONSIN       AQCR:068    G14...STATE:52 WYOMING        AQCR:243    G17...AQCR:018 METROPOLITAN MEMPHIS
H11...STATE:51 WISCONSIN       AQCR:073    H14...STATE 54:GUAM                       H17...AQCR:018 METROPOLITAN MEMPHIS
I11...STATE:51 WISCONSIN       AQCR:073    I14...STATE 54:GUAM                       I17...AQCR:019 MONROE-EL DORADO
J11...STATE:51 WISCONSIN       AQCR:073    J14...STATE 54:GUAM                       J17...AQCR:019 MONROE-EL DORADO
K11...STATE:51 WISCONSIN       AQCR:073    K14...STATE:54 GUAM           AQCR:246    K17...AQCR:019 MONROE-EL DORADO
L11...STATE:51 WISCONSIN       AQCR:128    L14...STATE:54 GUAM           AQCR:246    L17...AQCR:019 MONROE-EL DORADO
M11...STATE:51 WISCONSIN       AQCR:128    M14...STATE:54 GUAM           AQCR:246    M17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
N11...STATE:51 WISCONSIN       AQCR:128    N14...STATE 55:VIRGIN ISLANDS             N17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
O11...STATE:51 WISCONSIN       AQCR:128    O14...STATE 55:VIRGIN ISLANDS             O17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
A12...STATE:51 WISCONSIN       AQCR:129    A15...STATE 55:VIRGIN ISLANDS             A18...AQCR:022 SHREVEPORT-TEXARKANA-TYL
B12...STATE:51 WISCONSIN       AQCR:129    B15...STATE:55 VIRGIN ISLANDS AQCR:247    B18...AQCR:022 SHREVEPORT-TEXARKANA-TYL
C12...STATE:51 WISCONSIN       AQCR:129    C15...STATE:55 VIRGIN ISLANDS AQCR:247    C18...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
D12...STATE:51 WISCONSIN       AQCR:129    D15...STATE:55 VIRGIN ISLANDS AQCR:247    D18...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
E12...STATE:51 WISCONSIN       AQCR:237    E15...AQCR:002 COLUMBUS-PHENIX CITY       E18...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
F12...STATE:51 WISCONSIN       AQCR:237    F15...AQCR:002 COLUMBUS-PHENIX CITY       F18...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
G12...STATE:51 WISCONSIN       AQCR:237    G15...AQCR:002 COLUMBUS-PHENIX CITY       G18...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
H12...STATE:51 WISCONSIN       AQCR:237    H15...AQCR:002 COLUMBUS-PHENIX CITY       H18...AQCR:043 NEW JERSEY-NEW YORK-CONN
I12...STATE:51 WISCONSIN       AQCR:238    I15...AQCR:005 MOBILE-PENSACOLA-PANAMA    I18...AQCR:043 NEW JERSEY-NEW YORK-CONN
J12...STATE:51 WISCONSIN       AQCR:238    J15...AQCR:005 MOBILE-PENSACOLA-PANAMA    J18...AQCR:043 NEW JERSEY-NEW YORK-CONN
K12...STATE:51 WISCONSIN       AQCR:238    K15...AQCR:005 MOBILE-PENSACOLA-PANAMA    K18...AQCR:043 NEW JERSEY-NEW YORK-CONN
L12...STATE:51 WISCONSIN       AQCR:238    L15...AQCR:005 MOBILE-PENSACOLA-PANAMA    L18...AQCR:043 NEW JERSEY-NEW YORK-CONN
M12...STATE:51 WISCONSIN       AQCR:239    M15...AQCR:005 MOBILE-PENSACOLA-PANAMA    M18...AQCR:045 METROPOLITAN PHILADELPHI
N12...STATE:51 WISCONSIN       AQCR:239    N15...AQCR:007 TENNESSEE RIVER VALLEY-C
O12...STATE:51 WISCONSIN       AQCR:239    O15...AQCR:007 TENNESSEE RIVER VALLEY-C



                         FICHE/SEGMT    7    7 CKPT:    1, 4428,  570,    2,  126
```

0008 PB84-121375 1981 NAT'L EMISSIONS REPORT NAT'L EMISSIONS DATA SYSTEM
EPA-450/4-83-022 JANUARY 1984 AQCR:047 NATIONAL CAPITAL

```
        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES                   1001              3313              1189                 9                72
                POINT SOURCES                   588              1154               383                82              1243
            BITUMINOUS COAL
                AREA SOURCES                    118               870               127                 6                75
            RESIDUAL OIL
                AREA SOURCES                    803              6772              2349                47               214
                POINT SOURCES                   674              8902              5749               115               518
            DISTILLATE OIL
                AREA SOURCES                    120              1718              1194                20               299
                POINT SOURCES                    83              2713               696                15               171
            NATURAL GAS
                AREA SOURCES                     73                14              2444               128               488
                POINT SOURCES                    14                 3              2378                 9               189
            OTHER
                POINT SOURCES                    14                12               143                 7                29
            TOTAL (COMM-INST)
                AREA SOURCES                   2115             12687              7303               210              1148
                POINT SOURCES                  1373             12784              9349               228              2150

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                  14904             23542             33510             28457             78372
                POINT SOURCES                 20441            144010             80834               879              7788

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                      601               846              2462               161               526
            NATURAL GAS                           4                 0               647                 9                74
            TOTAL (ELEC GEN)                    605               846              3109               170               600

        INDUSTRIAL FUEL

            DISTILLATE OIL                        0                 3                 5                 0                 1
            NATURAL GAS                          10                 1              2932                70               370
            TOTAL (INDUSTRIAL)                   10                 4              2937                70               371

        TOTAL (INTERNAL COMB)                   615               850              6046               240               971

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  14904             23542             33510             28457             78372
                POINT SOURCES                 21056            144860             86880              1119              8759

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    48920             13705              1070             32720              4890
    FOOD/AGRICULTURAL                          3149                25                70                69                17
    PRIMARY METAL                              9792              2997               444              3062             52876
    SECONDARY METALS                           1522              1382                19                49             12517
    MINERAL PRODUCTS                          20209              2836               882               982               389
    PETROLEUM INDUSTRY                         1840             45853             13850             12380              2584
    WOOD PRODUCTS                              1262                 0                 0                97                 0
    ORGANIC SOLVENT EVAPORATION                1087                52                25             79718                 5
    PETROLEUM STORAGE/TRANSPORT                 232                 0                 1             45368                 0
    METAL FABRICATION                           502                 0               123               238                 0
    TEXTILE MANUFACTURING                        60                 0                 1               140                 0
    OTHER/NOT CLASSIFIED                       1462               137                41              2410                19
    TOTAL (INDUSTRIAL)                        90037             66987             16526            177233             73297

SOLID WASTE DISPOSAL
```

```
*** A02 ***                                                                                                                *** A02 ***
            NATURAL GAS
                AREA SOURCES                   5                 1               172                 6                35
                POINT SOURCES                  2                 0                69                 2                16
            TOTAL (COMM-INST)
                AREA SOURCES                  17                91               215                 6                46
                POINT SOURCES                 18               352               124                 3                25

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                4674              1178              3356              9832             28218
                POINT SOURCES               6405             36778             19308               339              1632

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                        1                 0               896               197               628
            TOTAL (INDUSTRIAL)                 1                 0               896               197               628

        TOTAL (INTERNAL COMB)                  1                 0               896               197               628

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                4674              1178              3356              9832             28218
                POINT SOURCES               6406             36778             20204               536              2260

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   477              1812              3453               785                 0
    FOOD/AGRICULTURAL                        163                 0                 0                 0                 0
    PRIMARY METAL                            411               127                28                 2                15
    SECONDARY METALS                          28                 0                 0                 0                 0
    MINERAL PRODUCTS                       12763              8567              1919                82                50
    WOOD PRODUCTS                           1200               917               285               400              6466
    ORGANIC SOLVENT EVAPORATION                0                 0                 0               792                 0
    PETROLEUM STORAGE/TRANSPORT                0                 0                 0                 7                 0
    TEXTILE MANUFACTURING                      0                 0                 0               374                 0
    TOTAL (INDUSTRIAL)                     15042             11423              5685              2442              6531

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 138                 2                 3               388              1163
        OPEN BURNING                        1102                43               280              1484              4702
        TOTAL (RESIDENTIAL)                 1240                45               283              1872              5865

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  11                 2                 6                 6                16
        OPEN BURNING
                AREA SOURCES                   8                 0                 3                17                43
        TOTAL (COMM-INST)
                AREA SOURCES                  19                 2                 9                23                59

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                123                11                17               169              1372
        OPEN BURNING
                AREA SOURCES                  38                 1                17                61               210
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  38                 1                17                61               210
                POINT SOURCES                123                11                17               169              1372
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SELECT CARD = <      065                                                      40>
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                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

AQCR EMISSIONS REPORT                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
****************************                                       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
AQCR:069 METROPOLITAN QUAD CITIES                                 POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                            PARTICULATES          SOX            NOX            VOC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             8              31              1             34             41
            DISTILLATE OIL             11             131             82              4             23
            NATURAL GAS                35               6           1200             76            241
            WOOD                      901      [illegible]            71           1793           5558
            TOTAL (RESIDENTIAL)       955             176           1354           1907           5863

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         11186           58663          15659            421           1195
            DISTILLATE OIL              0               1              0              0              0
            NATURAL GAS                58               0            409             15             81
            TOTAL (ELEC GEN)        11244           58664          16068            436           1276

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           72             578            125              5             16
                POINT SOURCES        3321           47763          15304             98            818
            RESIDUAL OIL
                POINT SOURCES          26               9              1              0              0
            DISTILLATE OIL
                AREA SOURCES            0               0              0              1              0
                POINT SOURCES          12             512            147              1             35
            NATURAL GAS
                AREA SOURCES            4               0           1241            426            160
                POINT SOURCES          29               4           3204             13            254
            PROCESS GAS
                POINT SOURCES           9               0            405              8            101
            TOTAL (INDUSTRIAL)
                AREA SOURCES           76             578           1366            432            176
                POINT SOURCES        3397           48288          19061            120           1208

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           23              77             27              0              1
            BITUMINOUS COAL
                AREA SOURCES           95             417             67              2             41
            RESIDUAL OIL
                AREA SOURCES            1              10              3              1              0
            DISTILLATE OIL
                AREA SOURCES            9             118             82              0             19
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                             *********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             ***********************************

AQCR EMISSIONS REPORT                                                            RUN DATE:    MONDAY  NOVEMBER 28, 1983
******************************                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:073 ROCKFORD-JANESVILLE-BELOIT                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                    PARTICULATES          SOX                NOX                VOC                CO
                                    *************    *************     *************     *************     *************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   4                17                 0                 3                22
            DISTILLATE OIL                   20               231               144                 7                40
            NATURAL GAS                      33                 6              1120                60               223
            WOOD                           1152                12                91              2391              7105
            TOTAL (RESIDENTIAL)            1209               266              1355              2461              7390

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 772             16282              4518                40               211
            DISTILLATE OIL                    3                92                56                 0                12
            NATURAL GAS                       0                 0                 1                 0                 0
            TOTAL (ELEC GEN)                775             16374              4575                40               223

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                269              2177               472                 1                61
                POINT SOURCES               535              4042               730                33               143
            RESIDUAL OIL
                POINT SOURCES                19               262                98                 1                 7
            DISTILLATE OIL
                POINT SOURCES                 3                 8                40                 0                 7
            NATURAL GAS
                AREA SOURCES                 11                 1              1043               179               115
                POINT SOURCES                10                 0               337                 4                35
            OTHER
                POINT SOURCES                 4                 0                58                 1                 8
            TOTAL (INDUSTRIAL)
                AREA SOURCES                280              2178              1515               180               176
                POINT SOURCES               571              4312              1263                39               200

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  9                29                10                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                 20               109                16                 0                 9
            DISTILLATE OIL
                AREA SOURCES                  7               102                71                 1                19
            NATURAL GAS
                AREA SOURCES                 10                 1               352                20                70
                POINT SOURCES                 0                 0                 4                 0                 0
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                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

AQCR EMISSIONS REPORT                                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:079 METROPOLITAN CINCINNATI                                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                    PARTICULATES         SOX               NOX                VOC               CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    0                 2                 0                 0                10
            BITUMINOUS COAL                   21                74                 4                14               122
            DISTILLATE OIL                    63               726               453                16               127
            NATURAL GAS                       77                16              2564               136               513
            WOOD                            6208                65               491             12889             38304
            TOTAL (RESIDENTIAL)             6369               883              3512             13055             39076

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                10751            395689            114078              1031              4539
            DISTILLATE OIL                    10               224               128                 7                67
            NATURAL GAS                       11                 7               632                 8                20
            TOTAL (ELEC GEN)               10772            395920            114838              1046              4626

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 395              3029               802                 2               103
                POINT SOURCES               4570             16079              8281               243               645
            RESIDUAL OIL
                AREA SOURCES                   6                73                17                 0                 1
                POINT SOURCES                524              7669              2527                45               173
            DISTILLATE OIL
                AREA SOURCES                  47               463               523                17               123
                POINT SOURCES                 30               372               203                18                42
            NATURAL GAS
                AREA SOURCES                  32                 6              6507              2038               831
                POINT SOURCES                 25                 4              1950                28               102
            PROCESS GAS
                POINT SOURCES                 58               577               447                 6                46
            LIQUID PETROL GAS
                POINT SOURCES                  0                 2                 4                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 480              3571              7849              2057              1058
                POINT SOURCES               5207             24703             13412               340              1009

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  37               129                45                 0                 2
            BITUMINOUS COAL
                AREA SOURCES                  70               349                64                 3                38
                AREA SOURCES               595             36            127            998           3035
                POINT SOURCES                1              0              0              0              0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           2070             93           2129           2502          24695
            LIGHT DUTY TRUCKS              730             47            987           1125           9724
            HEAVY DUTY VEHICLES            233             23            759            786          12500
            OFF HIGHWAY                     12              7            129            342           4323
            TOTAL (GASOLINE)              3045            170           4004           4755          51242

        DIESEL

            HEAVY DUTY VEHICLES           1058            489           4432            568           1735
            OFF HIGHWAY                    174            135           1637            249            495
            RAIL                            35             78            505            123            177
            TOTAL (DIESEL)                1267            702           6574            940           2407

    AIRCRAFT

        MILITARY                            35              2             18             41             85
        CIVIL                                1              1              8             27            557
        COMMERCIAL                           3              6             64             57            178
        TOTAL (AIRCRAFT)                    39              9             90            125            820

    VESSELS

        GASOLINE                             0              1              8            159            569
        TOTAL (VESSELS)                      0              1              8            159            569

    TOTAL (TRANSPORTATION)                4351            882          10676           5979          55038

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        28              0              6             30            223
    STRUCTURAL FIRES                        51              0              5             38            207
    GASOLINE STA EVAP LOSS                   0              0              0            917              0
    SOLVENT EVAPORATION LOSS                 0              0              0           2162              0
    UNPAVED ROADS                        61609              0              0              0              0
    TOTAL (MISCELLANEOUS)                61688              0             11           3147            430

GRAND TOTAL
***********

    AREA SOURCES                         66801           1369          11772          10439          59129

    POINT SOURCES                         7712          34293          40490            425           1206

    TOTAL                                74513          35662          52262          10864          60335
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SELECT CARD = <      106                                                    40>
STATE 45 COUNTY 4620 NOT FOUND IN POINT FILE
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                POINT SOURCES                  3                82                14                 0                 4
            NATURAL GAS
                AREA SOURCES                  19                 3               627                32               125
                POINT SOURCES                  1                 0               107                 0                10
            TOTAL (COMM-INST)
                AREA SOURCES                 228              1624              1449                43               269
                POINT SOURCES                172              2127               981                48                76

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                4022              6028              6902              7174             21997
                POINT SOURCES               4741            166890             42496              5261              2737

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                4022              6028              6902              7174             21997
                POINT SOURCES               4741            166890             42496              5261              2737

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     1                 0                 0               405                 0
    FOOD/AGRICULTURAL                          3                 0                 0                 0                 0
    SECONDARY METALS                         100                 7                 1                 0              1070
    MINERAL PRODUCTS                         627               354               446                15                23
    WOOD PRODUCTS                              4                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION                1                 0                 0             20174                 0
    PETROLEUM STORAGE/TRANSPORT                0                 0                 0              3171                 0
    METAL FABRICATION                          3                 0                 0                 0                 0
    TEXTILE MANUFACTURING                      0                 0                 0                18                 0
    OTHER/NOT CLASSIFIED                       5                 0                 0                44                 0
    TOTAL (INDUSTRIAL)                       744               361               447             23827              1093

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                86                66                78                47               905
        OTHER INCINERATION                     1                 0                 0                 0                 0
        TOTAL (GOVERNMENT)                    87                66                78                47               905

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 802                12                26              2256              6768
        OPEN BURNING                        2755               103               706              3716             11784
        TOTAL (RESIDENTIAL)                 3557               115               732              5972             18552

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  46                14                22                28                65
                POINT SOURCES                  1                 0                 0                 0                 2
        OPEN BURNING
                AREA SOURCES                   6                 0                 2                12                30
        TOTAL (COMM-INST)
                AREA SOURCES                  52                14                24                40                95
                POINT SOURCES                  1                 0                 0                 0                 2

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   8                 1                 1                 8                14
                POINT SOURCES                  3                 0                 1                 1                 2
        OPEN BURNING
                AREA SOURCES                  38                 2                14                64               225
        TOTAL (INDUSTRIAL)
    UNPAVED ROADS                         283101                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                 283653                 0                82             21518              3207

GRAND TOTAL
***********

    AREA SOURCES                          329539              6196             68399            101359            535749

    POINT SOURCES                          32604             76319             33301             22809              5845

    TOTAL                                 362143             82515            101700            124168            541594
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SELECT CARD = <       153                                                                        40>
STATE 45 COUNTY 0580 NOT FOUND IN POINT FILE
STATE 45 COUNTY 1270 NOT FOUND IN POINT FILE
STATE 45 COUNTY 2740 NOT FOUND IN POINT FILE
STATE 45 COUNTY 4270 NOT FOUND IN POINT FILE
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                AREA SOURCES                 20            147             22              0             13
                POINT SOURCES                81            622             93              0             33
            DISTILLATE OIL
                AREA SOURCES                 18            246            172              0             41
                POINT SOURCES                 0              1              0              0              0
            NATURAL GAS
                AREA SOURCES                 23              3            820             43            163
                POINT SOURCES                 1              0             46              1             11
            WOOD
                POINT SOURCES                 1              2              8             20             48
            TOTAL (COMM-INST)
                AREA SOURCES                232            966           1220             43            227
                POINT SOURCES                83            625            147             21             92

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              17165           3678          17274          37655         106132
                POINT SOURCES             23247         280393          70471            576           4329

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   13             41             87             20             58
            NATURAL GAS                       0              0             50              2             14
            TOTAL (ELEC GEN)                 13             41            137             22             72

        INDUSTRIAL FUEL

            DISTILLATE OIL                    2              2             32              2              7
            NATURAL GAS                      11              1           3663             89            463
            TOTAL (INDUSTRIAL)               13              3           3695             91            470

        ENGINE-TESTING

            TOTAL (ENG TESTNG)               37             35            520             36            113

        TOTAL (INTERNAL COMB)                63             79           4352            149            655

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              17165           3678          17274          37655         106132
                POINT SOURCES             23310         280472          74823            725           4984

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              589            230            107           1847           2893
    FOOD/AGRICULTURAL                     2              0              0              0              0
    PRIMARY METAL                     13159          16878           3965           4769          51511
    SECONDARY METALS                   1378            115             24              7           2208
    MINERAL PRODUCTS                  20878           6737           5483            970            253
    PETROLEUM INDUSTRY                   95           3376            711            280            124
    WOOD PRODUCTS                       500            321             90              0           2124
    ORGANIC SOLVENT EVAPORATION           4              0              0           9089              0
    PETROLEUM STORAGE/TRANSPORT           0              0              0           4051              0
    OTHER/NOT CLASSIFIED                 35           1246              0            362              0
    TOTAL (INDUSTRIAL)                36640          28903          10380          21375          59113

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION              798             51            262              4              0
        TOTAL (GOVERNMENT)              798             51            262              4              0
```

TOTAL (TRANSPORTATION)	64857	11404	109382	83868	763379

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	5975	52	1406	6749	49207
FOREST MANAGED BURNING	30299	227	6060	21663	169670
AGRICULTURAL BURNING	3384	0	480	3121	22486
STRUCTURAL FIRES	494	0	45	371	2011
GASOLINE STA EVAP LOSS	0	0	0	9305	0
SOLVENT EVAPORATION LOSS	0	0	0	29053	0
UNPAVED ROADS	519571	0	0	0	0
UNPAVED AIRSTRIPS	149	0	0	0	0
TOTAL (MISCELLANEOUS)	559872	279	7991	70262	243374

GRAND TOTAL
****

AREA SOURCES	642069	28969	131185	188991	1106866
POINT SOURCES	71974	89173	127519	32342	87140
TOTAL	714043	118142	258704	221333	1194006

****

GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	545	568	682	342	7955
OTHER INCINERATION	63	44	222	44	0
TOTAL (GOVERNMENT)	608	612	904	386	7955
RESIDENTIAL (AREA)					
ON SITE INCINERATION	550	7	18	1547	4640
OPEN BURNING	2643	97	676	3562	11298
TOTAL (RESIDENTIAL)	3193	104	694	5109	15938
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	2616	826	1238	1515	3578
POINT SOURCES	43	18	20	15	33
TOTAL (COMM-INST)					
AREA SOURCES	2616	826	1238	1515	3578
POINT SOURCES	43	18	20	15	33
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	205	41	41	187	277
POINT SOURCES	129	93	372	55	289
TOTAL (INDUSTRIAL)					
AREA SOURCES	205	41	41	187	277
POINT SOURCES	129	93	372	55	289
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	6014	971	1973	6811	19793
POINT SOURCES	780	723	1296	456	8277
TRANSPORTATION (AREA)					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	102394	3252	69811	98400	1051692
LIGHT DUTY TRUCKS	13921	613	12210	16615	157197
HEAVY DUTY VEHICLES	4642	335	10123	14411	225133
OFF HIGHWAY	265	142	2932	7796	98575
TOTAL (GASOLINE)	121222	4342	95076	137222	1532597
DIESEL					
HEAVY DUTY VEHICLES	11657	4615	42436	6358	19723
OFF HIGHWAY	889	696	8362	1274	2527
RAIL	519	1182	7671	1864	2695
TOTAL (DIESEL)	13065	6493	58469	9496	24945
AIRCRAFT					
MILITARY	746	48	383	877	1812
CIVIL	25	15	114	350	7008
COMMERCIAL	66	155	1597	1415	4395
TOTAL (AIRCRAFT)	837	218	2094	2642	13215
VESSELS					
DIESEL FUEL	202	251	1888	472	660

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    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                    1297          48         309        1956        6134
                POINT SOURCES                    123          11          17         169        1372

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                10724         463       10003       11771      113707
            LIGHT DUTY TRUCKS                   2600         160        3255        3689       30829
            HEAVY DUTY VEHICLES                  558          54        1712        1797       28640
            OFF HIGHWAY                           29          17         357         957       12072
            TOTAL (GASOLINE)                   13911         694       15327       18214      185248

        DIESEL

            HEAVY DUTY VEHICLES                 1750         856        7703         935        2843
            OFF HIGHWAY                          139         107        1293         199         391
            RAIL                                  79         186        1180         284         415
            TOTAL (DIESEL)                      1968        1149       10176        1418        3649

    AIRCRAFT

        MILITARY                                  35           2          18          41          85
        CIVIL                                      2           1          17          53        1051
        COMMERCIAL                                 2           5          57          50         156
        TOTAL (AIRCRAFT)                          39           8          92         144        1292

    VESSELS

        GASOLINE                                   0          11          70        1563        5570
        TOTAL (VESSELS)                            0          11          70        1563        5570

    TOTAL (TRANSPORTATION)                     15918        1862       25665       21339      195759

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                            1685          12         398        1904       13875
    FOREST MANAGED BURNING                      5498          43        1098        3933       30789
    AGRICULTURAL BURNING                         630           0          89         581        4200
    STRUCTURAL FIRES                             148           0           9         110         603
    GASOLINE STA EVAP LOSS                         0           0           0        2543           0
    SOLVENT EVAPORATION LOSS                       0           0           0        9483           0
    UNPAVED ROADS                              64127           0           0           0           0
    TOTAL (MISCELLANEOUS)                      72088          55        1594       18554       49467

GRAND TOTAL
***********

    AREA SOURCES                               93977        3143       30924       51681      279578

    POINT SOURCES                              21571       48212       25906        3147       10163

    TOTAL                                     115548       51355       56830       54828      289741
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*** B03 ***                                                                                                              *** B03 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
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                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

AQCR EMISSIONS REPORT                                                                          RUN DATE:   MONDAY  NOVEMBER 28, 1983
****************************                                                       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
AQCR:065 BURLINGTON-KEOKUK                                                        POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                                    PARTICULATES          SOX               NOX               VOC                CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   20                86                 3                13               112
            DISTILLATE OIL                     9                85                53                 0                14
            NATURAL GAS                       41                 7              1390                73               277
            WOOD                            3152                33               249              6544             19451
            TOTAL (RESIDENTIAL)             3222               211              1695              6630             19854

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 7208             73572             90472              1066              4059
            RESIDUAL OIL                      28               338               192                23               114
            DISTILLATE OIL                     0                46                11                 0                 2
            NATURAL GAS                        0                 0               158                 0                11
            TOTAL (ELEC GEN)                7236             73956             90833              1089              4186

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES                 15                 0                 0                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                 123               994               213                 0                26
                POINT SOURCES               1716             17346              4893                91               440
            LIGNITE
                POINT SOURCES                 75               103                22                 0                 1
            RESIDUAL OIL
                POINT SOURCES                 24               507               153                 0                11
            DISTILLATE OIL
                POINT SOURCES                114              1259              1146                41               117
            NATURAL GAS
                AREA SOURCES                   3                 0              1185               383               153
                POINT SOURCES                 39                 5              2371               212               244
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 126               994              1398               383               179
                POINT SOURCES               1983             19220              8585               344               813

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  15                54                18                 0                 0
                POINT SOURCES                 57               146                 1                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                  49               242                36                 0                22
                POINT SOURCES                  0                 6                 2                 0                 0
            NATURAL GAS
                AREA SOURCES                  12                 2               422                31                84
                POINT SOURCES                  0                 0                 4                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                 140               624               601                34               145
                POINT SOURCES                  0                 6                 6                 0                 0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                1171              1378              3321              2373              6184
                POINT SOURCES              14641            106958             35135               556              2484

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    27                 2               709                12               353
            NATURAL GAS                        3                 0               326                 9                49
            TOTAL (ELEC GEN)                  30                 2              1035                21               402

        INDUSTRIAL FUEL

            DISTILLATE OIL                    12                 0               166                12                38
            NATURAL GAS                        0                 0              1177                 0                 0
            TOTAL (INDUSTRIAL)                12                 0              1343                12                38

        TOTAL (INTERNAL COMB)                 42                 2              2378                33               440

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1171              1378              3321              2373              6184
                POINT SOURCES              14683            106960             37513               589              2924

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING              2100                 0               174              1173                 0
    FOOD/AGRICULTURAL                   7881                 0                 0              1234                13
    PRIMARY METAL                       1125                 0                 0                 0             24891
    SECONDARY METALS                    1109                10                 5                 0              3221
    MINERAL PRODUCTS                    5400              2145               837                92               224
    WOOD PRODUCTS                        146                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION           14                 0                 0              6869                 0
    PETROLEUM STORAGE/TRANSPORT          303                 0                 0                49                 0
    METAL FABRICATION                     66               140                35                 1                 2
    OTHER/NOT CLASSIFIED                   1                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                 18145              2295              1051              9418             28351

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                 2                 0                 0                 0                 0
        TOTAL (GOVERNMENT)                 2                 0                 0                 0                 0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             616                 9                20              1736              5204
        OPEN BURNING                     979                36               250              1322              4189
        TOTAL (RESIDENTIAL)             1595                45               270              3058              9393

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              92                28                43                53               126
        TOTAL (COMM-INST)
            AREA SOURCES                46          241          449           21           98
            POINT SOURCES                0            0            4            0            0

     TOTAL (EXTERNAL COMB)
            AREA SOURCES              1535         2685         3319         2662         7664
            POINT SOURCES             1346        20686         5842           79          423

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  7           48          101            7           22
         NATURAL GAS                    23          151          581           35          113
         TOTAL (ELEC GEN)               30          199          682           42          135

      INDUSTRIAL FUEL

         DISTILLATE OIL                  0            0            5            0            1
         NATURAL GAS                     1            0          169            2            0
         TOTAL (INDUSTRIAL)              1            0          174            2            1

      ENGINE-TESTING

         TOTAL (ENG TESTNG)             11           10           91           50           49

      TOTAL (INTERNAL COMB)             42          209          947           94          185

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              1535         2685         3319         2662         7664
            POINT SOURCES             1388        20895         6789          173          608

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                2            0            0         1470            0
   FOOD/AGRICULTURAL                   626           10           10           29            2
   PRIMARY METAL                        15           11           32            0            2
   SECONDARY METALS                   1007          297           62            9         2559
   MINERAL PRODUCTS                    711            2            1            2            1
   ORGANIC SOLVENT EVAPORATION         250            0          313        15947            0
   PETROLEUM STORAGE/TRANSPORT           7            0            5         1049            0
   METAL FABRICATION                   480            0           25           10            1
   TEXTILE MANUFACTURING               117            0            0            0            0
   OTHER/NOT CLASSIFIED                190            0            0           20            0
   TOTAL (INDUSTRIAL)                 3405          320          448        18536         2565

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION            68            1           21            0            0
      TOTAL (GOVERNMENT)                68            1           21            0            0

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             601            9           19         1689         5069
      OPEN BURNING                     710           26          182          957         3035
      TOTAL (RESIDENTIAL)             1311           35          201         2646         8104

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                16            5            8            9           22
```

```
*** B06 ***                                                                                                                 *** B06 ***
                POINT SOURCES               269              1012               562                30                73
            RESIDUAL OIL
                AREA SOURCES                  9               127                30                 0                 3
            DISTILLATE OIL
                AREA SOURCES                 20               288               201                 2                49
                POINT SOURCES                 7               121                89                 6                16
            NATURAL GAS
                AREA SOURCES                 35                 7              1192                63               238
                POINT SOURCES                 3                 0                49                 5                 8
            TOTAL (COMM-INST)
                AREA SOURCES                171               900              1532                68               330
                POINT SOURCES               279              1133               700                41                97

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               7020              5354             12893             15180             40464
                POINT SOURCES             16258            421756            128950              1427              5732

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   56                83               141                62               179
            NATURAL GAS                      22                22               261                27                78
            TOTAL (ELEC GEN)                 78               105               402                89               257

        INDUSTRIAL FUEL

            DISTILLATE OIL                   15                14               139                14                35
            NATURAL GAS                       2                 0               849                22               109
            TOTAL (INDUSTRIAL)               17                14               988                36               144

        ENGINE-TESTING

            TOTAL (ENG TESTNG)               51                56                63               201               143

        TOTAL (INTERNAL COMB)               146               175              1453               326               544

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               7020              5354             12893             15180             40464
                POINT SOURCES             16404            421931            130403              1753              6276
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              773              2373               815               731                 0
    FOOD/AGRICULTURAL                   410                 0                 1              1982                 0
    PRIMARY METAL                      1207              3639                15                13              1895
    SECONDARY METALS                   1069                50                 7                12              6386
    MINERAL PRODUCTS                   1658               410              1423               120               743
    PETROLEUM INDUSTRY                  278              1301              1060              1918               134
    WOOD PRODUCTS                        41                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION           1                 0                 0             15759                 0
    PETROLEUM STORAGE/TRANSPORT           0                 0                 0              3064                 0
    METAL FABRICATION                     3                 0                 0                 0                 0
    OTHER/NOT CLASSIFIED                  2                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                 5442              7773              3321             23599              9158

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          833               136               163               109              1910
        OTHER INCINERATION               64                30               154                30                 0
        TOTAL (GOVERNMENT)              897               166               317               139              1910
```

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SELECT CARD = <      087                                                                          40>
STATE 43 COUNTY 1060 NOT FOUND IN POINT FILE
STATE 43 COUNTY 1660 NOT FOUND IN POINT FILE
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:      MONDAY   NOVEMBER 28, 1983
*****************************                                      AREA EMISSIONS AS OF:     TUESDAY   NOVEMBER 22, 1983
AQCR:106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS                       POINT EMISSIONS AS OF:      MONDAY       JULY 11, 1983

                               PARTICULATES         SOX              NOX              VOC              CO
                               ************    ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               0                8                4                0                0
            NATURAL GAS                114               15             3738              195              746
            WOOD                      5454               55              435            11316            33637
            TOTAL (RESIDENTIAL)       5568               78             4177            11511            34383

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            223             9031            18309               38              323
            RESIDUAL OIL              1091             8959            10464               59              397
            DISTILLATE OIL              35              482             8139                2               57
            NATURAL GAS                972              799           120783              439            10262
            PROCESS GAS                  0                1             1835                0                0
            OTHER                      199                2              163               28               67
            TOTAL (ELEC GEN)          2520            19274           159693              566            11106

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          1728            10484             3097                6              394
            RESIDUAL OIL
                AREA SOURCES           757            11787             2166               13              195
                POINT SOURCES         2296            25819            15037               85             1241
            DISTILLATE OIL
                AREA SOURCES           178             2023             2040               67              485
                POINT SOURCES         1094            19702             4932               44              822
            NATURAL GAS
                AREA SOURCES            83               14            64060            25405             8688
                POINT SOURCES         2325              605           132621              609            10334
            PROCESS GAS
                POINT SOURCES         3568            25326             8045             4707              636
            WOOD
                POINT SOURCES         5700              366             1970             1191             3649
            BAGASSE
                POINT SOURCES         7262                0             1280             3006             2114
            OTHER
                POINT SOURCES          971              728              123                1                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES          2746            24308            71363            25491             9762
                POINT SOURCES        23216            72546           164008             9643            18796

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
```

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               AREA SOURCES             46              3             15             72            239
               POINT SOURCES             3              0              1              1              2

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES           3655            132            771           6084          18886
               POINT SOURCES            91             66             79             48            909

TRANSPORTATION (AREA)
**********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      38849           1310          29764          41929         440158
            LIGHT DUTY TRUCKS         5645            263           5508           7518          70081
            HEAVY DUTY VEHICLES       1325             98           2996           4134          64708
            OFF HIGHWAY                100             53           1109           2950          37284
            TOTAL (GASOLINE)         45919           1724          39377          56531         612231

        DIESEL

            HEAVY DUTY VEHICLES       2237            894           8215           1219           3779
            OFF HIGHWAY                 77             60            719            110            218
            RAIL                        35             81            527            128            185
            TOTAL (DIESEL)            2349           1035           9461           1457           4182

    AIRCRAFT

        MILITARY                       193             12             99            228            471
        CIVIL                            9              6             44            133           2660
        COMMERCIAL                      32             76            791            701           2178
        TOTAL (AIRCRAFT)               234             94            934           1062           5309

    VESSELS

        DIESEL FUEL                     34             43            319             80            112
        RESIDUAL OIL                    21            278             46              3              1
        GASOLINE                         0             28            154           3383          12058
        TOTAL (VESSELS)                 55            349            519           3466          12171

    TOTAL (TRANSPORTATION)           48557           3202          50291          62516         633893

ISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   266              2             63            303           2203
    STRUCTURAL FIRES                   469              0             45            351           1910
    GASOLINE STA EVAP LOSS               0              0              0           6490              0
    SOLVENT EVAPORATION LOSS             0              0              0          30555              0
    UNPAVED ROADS                     2389              0              0              0              0
    TOTAL (MISCELLANEOUS)             3124              2            108          37699           4113

RAND TOTAL
***********

    AREA SOURCES                     59358           9364          58072         113473         678889

    POINT SOURCES                     5576         167317          43022          29136           4739

    TOTAL                            64934         176681         101094         142609         683628
```

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SELECT CARD = <       129                                                           40>
STATE 24 COUNTY 0020 NOT FOUND IN POINT FILE
STATE 51 COUNTY 0180 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3180 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3500 NOT FOUND IN POINT FILE
STATE 51 COUNTY 3700 NOT FOUND IN POINT FILE
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*** B11 ***                                                                                                   *** B11 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                        RUN DATE:   MONDAY   NOVEMBER 28, 1983
*****************************                                    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:153 EL PASO-LAS CRUCES-ALAMOGORDO                          POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES         SOX            NOX            VOC            CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               0              13              5              0              2
            NATURAL GAS                 18               4            660             34            132
            WOOD                       545               5             43           1129           3354
            TOTAL (RESIDENTIAL)        563              22            708           1163           3488

        ELEC GENERATION (POINT)

            RESIDUAL OIL                11             350             31              0              2
            DISTILLATE OIL               0              10              1              0              0
            NATURAL GAS                 28              13           4820             18            440
            TOTAL (ELEC GEN)            39             373           4852             18            442

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           402            2351            585              2             75
            RESIDUAL OIL
                AREA SOURCES           272            4143            778              6             71
                POINT SOURCES          570            7557           1307              7            119
            DISTILLATE OIL
                AREA SOURCES            28             410            309             11             72
                POINT SOURCES            8               0            119              1             30
            NATURAL GAS
                AREA SOURCES            29               6          20782           8201           2824
                POINT SOURCES           53              12           2887             58            722
            PROCESS GAS
                POINT SOURCES            7              53            106              0             17
            TOTAL (INDUSTRIAL)
                AREA SOURCES           731            6910          22454           8218           3042
                POINT SOURCES          638            7622           4419             66            888

        COMM-INSTITUTIONAL FUEL

            NATURAL GAS
                AREA SOURCES             8               1            283             14             57
            TOTAL (COMM-INST)
                AREA SOURCES             8               1            283             14             57

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          1302            6933          23445           9395           6587
                POINT SOURCES          677            7995           9271             84           1330

    INTERNAL COMBUSTION (POINT)
    RESIDENTIAL (AREA)

        ON SITE INCINERATION               523             8            15          1471          4408
        OPEN BURNING                      2862           106           735          3861         12245
        TOTAL (RESIDENTIAL)               3385           114           750          5332         16653

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               136            44            64            78           186
                POINT SOURCES                1             0             1             1             2
        OPEN BURNING
                AREA SOURCES                 4             0             1             7            17
        TOTAL (COMM-INST)
                AREA SOURCES               140            44            65            85           203
                POINT SOURCES                1             0             1             1             2

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                48            10            10            43            65
                POINT SOURCES               19             4            30            28           281
        OPEN BURNING
                AREA SOURCES                27             1             9            47           165
                POINT SOURCES                6             0             2            11            31
        TOTAL (INDUSTRIAL)
                AREA SOURCES                75            11            19            90           230
                POINT SOURCES               25             4            32            39           312

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              3600           169           834          5507         17086
                POINT SOURCES              824            55           295            44           314

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          26321          1113         23338         26389        269755
            LIGHT DUTY TRUCKS             6790           426          8764          9263         80419
            HEAVY DUTY VEHICLES           1410           133          4250          4598         72998
            OFF HIGHWAY                    113            62          1271          3382         42745
            TOTAL (GASOLINE)             34634          1734         37623         43632        465917

        DIESEL

            HEAVY DUTY VEHICLES           5653          2608         23614          3034          9286
            OFF HIGHWAY                    510           398          4812           734          1452
            RAIL                           346           786          5096          1238          1791
            TOTAL (DIESEL)                6509          3792         33522          5006         12529

    AIRCRAFT

        MILITARY                            37             2            19            44            89
        CIVIL                               10             4            46           142          2810
        COMMERCIAL                           4            10           103            92           285
        TOTAL (AIRCRAFT)                    51            16           168           278          3184

    VESSELS

        DIESEL FUEL                         45            56           422           105           147
        RESIDUAL OIL                       133          1744           286            17            10
        GASOLINE                             0            21           118          2572          9164
        TOTAL (VESSELS)                    178          1821           826          2694          9321
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SELECT CARD = <       207                                                                   40>
STATE 44 COUNTY 1660 NOT FOUND IN POINT FILE
STATE 48 COUNTY 0420 NOT FOUND IN POINT FILE
STATE 48 COUNTY 0940 NOT FOUND IN POINT FILE
```

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        RESIDUAL OIL                         160            2104            346             20             12
        GASOLINE                               0              17            101           2203           7851
        TOTAL (VESSELS)                      362            2372           2335           2695           8523

    TOTAL (TRANSPORTATION)                135486           13425         157974         152055        1579280

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         767               7            180            868           6322
    FOREST MANAGED BURNING                   218               1             44            155           1218
    AGRICULTURAL BURNING                       1               0              0              1              4
    STRUCTURAL FIRES                        1591               0            151           1192           6480
    GASOLINE STA EVAP LOSS                     0               0              0          18894              0
    SOLVENT EVAPORATION LOSS                   0               0              0          80562              0
    UNPAVED ROADS                         141116               0              0              0              0
    UNPAVED AIRSTRIPS                          2               0              0              0              0
    TOTAL (MISCELLANEOUS)                 143695               8            375         101672          14024

GRAND TOTAL
***********

    AREA SOURCES                          300099           37946         193832         288995        1691469

    POINT SOURCES                         111873          212570         104702         178808          90333

    TOTAL                                 411972          250516         298534         467803        1781802
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SELECT CARD = <       055                                                      40>
STATE 11 COUNTY 0900 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2080 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2320 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2600 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4020 NOT FOUND IN POINT FILE
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```
              POINT SOURCES                 4              28               2               1               3
          RESIDUAL OIL
              AREA SOURCES                  0               3               1               0               0
              POINT SOURCES                32             429             149               3              13
          DISTILLATE OIL
              AREA SOURCES                  8             123              86               1              22
              POINT SOURCES                 0              65               0               0               0
          NATURAL GAS
              AREA SOURCES                 11               1             434              23              87
              POINT SOURCES                 1               0              43               1              11
          TOTAL (COMM-INST)
              AREA SOURCES                 83             423             575              24             131
              POINT SOURCES                94             668             195               5              27

      TOTAL (EXTERNAL COMB)
              AREA SOURCES               3431            1628            3668            7037           20164
              POINT SOURCES              9313           93844           99613            1438            5026

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    0               1              11               1               2
          NATURAL GAS                       0               0              14               0               4
          TOTAL (ELEC GEN)                  0               1              25               1               6

      INDUSTRIAL FUEL

          DISTILLATE OIL                   10              20             137              18              63
          TOTAL (INDUSTRIAL)               10              20             137              18              63

      TOTAL (INTERNAL COMB)                10              21             162              19              69

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES               3431            1628            3668            7037           20164
              POINT SOURCES              9323           93865           99775            1457            5095
INDUSTRIAL PROCESS (POINT)

  CHEMICAL MANUFACTURING                 2604            6783             267             358               0
  FOOD/AGRICULTURAL                      8219               0               0             140               0
  PRIMARY METAL                         20547               0               0               0               0
  SECONDARY METALS                        911             150             280               0               0
  MINERAL PRODUCTS                       1830             206              70              25             304
  WOOD PRODUCTS                            22               0               0             453              70
  ORGANIC SOLVENT EVAPORATION              53               0              90               0               0
  PETROLEUM STORAGE/TRANSPORT               0               0               0           14851               0
  METAL FABRICATION                        75               0             352            1803               0
  OTHER/NOT CLASSIFIED                    473              20              42              89               0
  TOTAL (INDUSTRIAL)                    34734            7159            1101           17719             374

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      OPEN BURNING                          4               0               2               8              23
      TOTAL (GOVERNMENT)                    4               0               2               8              23

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                789              12              26            2219            6656
      OPEN BURNING                        999              37             256            1348            4273
      TOTAL (RESIDENTIAL)                1788              49             282            3567           10929
```

```
*** C04 ***                                                                                                              *** C04 ***
      TOTAL (COMM-INST)
              AREA SOURCES                  92              28              43              53              126

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                  22               5               5              21               31
              POINT SOURCES                  1              15              21              27              126
      TOTAL (INDUSTRIAL)
              AREA SOURCES                  22               5               5              21               31
              POINT SOURCES                  1              15              21              27              126

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                1709              78             318            3132             9550
              POINT SOURCES                  3              15              21              27              126

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              9628             347            7535            9845           104410
         LIGHT DUTY TRUCKS                2815             142            2929            3717            34463
         HEAVY DUTY VEHICLES               685              57            1834            2244            35237
         OFF HIGHWAY                        41              22             456            1215            15374
         TOTAL (GASOLINE)                13169             568           12754           17021           189484

      DIESEL

         HEAVY DUTY VEHICLES              1937             806            7375            1051             3249
         OFF HIGHWAY                       344             270            3247             495              982
         RAIL                              128             292            1894             461              665
         TOTAL (DIESEL)                   2409            1368           12516            2007             4896

   AIRCRAFT

      MILITARY                               8               1               4              10               20
      CIVIL                                  6               2              25              80             1575
      COMMERCIAL                             8              19             197             174              542
      TOTAL (AIRCRAFT)                      22              22             226             264             2137

   VESSELS

      DIESEL FUEL                           11              14             104              26               37
      GASOLINE                               0              23             131            2846            10141
      TOTAL (VESSELS)                       11              37             235            2872            10178

   TOTAL (TRANSPORTATION)                15611            1995           25731           22164           206695

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          4               0               1               5               40
   STRUCTURAL FIRES                        161               0              14             120              652
   GASOLINE STA EVAP LOSS                    0               0               0            2742                0
   SOLVENT EVAPORATION LOSS                  0               0               0           10047                0
   UNPAVED ROADS                         56053               0               0               0                0
   UNPAVED AIRSTRIPS                         3               0               0               0                0
   TOTAL (MISCELLANEOUS)                 56221               0              15           12914              692

GRAND TOTAL
***********

   AREA SOURCES                          74712            3451           29385           40583           223121
```

```
*** C05 ***                                                                                              *** C05 ***
        OPEN BURNING
                AREA SOURCES            1             0             0             2             4
        TOTAL (COMM-INST)
                AREA SOURCES           17             5             8            11            26

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            5             1             1             5             7
                POINT SOURCES           6            10             0             0             0
        OPEN BURNING
                AREA SOURCES            4             0             1             7            25
        TOTAL (INDUSTRIAL)
                AREA SOURCES            9             1             2            12            32
                POINT SOURCES           6            10             0             0             0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         1337            41           211          2669          8162
                POINT SOURCES          74            11            21             0             0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     10729           367          8076         10948        117309
            LIGHT DUTY TRUCKS        2517           119          2524          3368         31522
            HEAVY DUTY VEHICLES       581            44          1419          1880         29390
            OFF HIGHWAY                44            23           498          1324         16736
            TOTAL (GASOLINE)        13871           553         12517         17520        194957

        DIESEL

            HEAVY DUTY VEHICLES      1114           460          4204           605          1871
            OFF HIGHWAY               292           228          2742           418           829
            RAIL                      125           284          1845           448           649
            TOTAL (DIESEL)           1531           972          8791          1471          3349

    AIRCRAFT                                                                         3349

        MILITARY                       50             3            25
        CIVIL                           8             4            35
        COMMERCIAL                      2             5            53       58           121
        TOTAL (AIRCRAFT)               60            12           113      105          2130
                                                                            47           147
    VESSELS                                                                210          2398

        GASOLINE                        0             2            11
        TOTAL (VESSELS)                 0             2            11
                                                                           234           832
    TOTAL (TRANSPORTATION)          15462          1539         21432      234           832

MISCELLANEOUS (AREA)                                                       435        201536
********************

    STRUCTURAL FIRES                  158             0            15
    GASOLINE STA EVAP LOSS              0             0             0
    SOLVENT EVAPORATION LOSS            0             0             0      118           643
    UNPAVED ROADS                   21107             0             0      437             0
    TOTAL (MISCELLANEOUS)           21265             0            15      929             0
                                                                             0             0
GRAND TOTAL                                                                484           643
***********
```

```
*** C06 ***                                                                                                   *** C06 ***
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  1045            16             32            2948            8845
        OPEN BURNING                          2131            80            547            2874            9117
        TOTAL (RESIDENTIAL)                   3176            96            579            5822           17962

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   265            83            126             153             363
                POINT SOURCES                    1             1              1               0               3
        OPEN BURNING
                AREA SOURCES                     9             0              2              17              42
        TOTAL (COMM-INST)
                AREA SOURCES                   274            83            128             170             405
                POINT SOURCES                    1             1              1               0               3

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   110            22             22             100             150
                POINT SOURCES                   70             7             17              67             201
        OPEN BURNING
                AREA SOURCES                    78             2             27             133             469
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   188            24             49             233             619
                POINT SOURCES                   70             7             17              67             201

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  3638           203            756            6225           18986
                POINT SOURCES                  968           174            355             206            2114

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE
```

```
            LIGHT DUTY VEHICLES              33606          1131          24212           32617          346599
```

```
            LIGHT DUTY VEHICLES              33606          1131          24212           32617          346599
            LIGHT DUTY TRUCKS                 5909           294           5941            7426           68417
            HEAVY DUTY VEHICLES               1662           127           3825            5190           81310
            OFF HIGHWAY                         84            44            942            2502           31632
            TOTAL (GASOLINE)                 41261          1596          34920           47735          527958

        DIESEL

            HEAVY DUTY VEHICLES               4828          1915          17613            2635            8168
            OFF HIGHWAY                        454           353           4258             648            1289
            RAIL                               609          1389           9023            2190            3173
            TOTAL (DIESEL)                    5891          3657          30894            5473           12630

    AIRCRAFT

        MILITARY                                 6             0              3               7              14
        CIVIL                                    9             4             37             118            2354
        COMMERCIAL                              19            43            442             392            1217
        TOTAL (AIRCRAFT)                        34            47            482             517            3585

    VESSELS

        DIESEL FUEL                             80           101            746             186             262
        GASOLINE                                 0             3             17             403            1436
        TOTAL (VESSELS)                         80           104            763             589            1698

    TOTAL (TRANSPORTATION)                   47266          5404          67059           54314          545871
```

```
*** C07 ***                                                                                          *** C07 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

AQCR EMISSIONS REPORT                                                     RUN DATE:      MONDAY  NOVEMBER 28, 1983
*****************************                                 AREA EMISSIONS AS OF:     TUESDAY  NOVEMBER 22, 1983
AQCR:087 METROPOLITAN SIOUX FALLS                            POINT EMISSIONS AS OF:      MONDAY      JULY 11, 1983

                             PARTICULATES        SOX            NOX             VOC             CO
                             ************    ************   ************    ************    ************
                              TONS / YR       TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                0              1              0               0               2
         DISTILLATE OIL                 7             75             47               1              13
         NATURAL GAS                    5              1            201              10              39
         WOOD                          91              0              7             190             564
         TOTAL (RESIDENTIAL)          103             77            255             201             618

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              403           3595            451               2              72
         RESIDUAL OIL                   0              2            112               0               0
         NATURAL GAS                    0              0            898               0               1
         TOTAL (ELEC GEN)             403           3597           1461               2              73

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              240           1315            654               2              84
         RESIDUAL OIL
            AREA SOURCES                2             25              6               0               1
            POINT SOURCES              24            324             66               0               6
         DISTILLATE OIL
            AREA SOURCES                2             24             27               1               6
         NATURAL GAS
            POINT SOURCES               1              0             44               1              11
         TOTAL (INDUSTRIAL)
            AREA SOURCES              244           1364            687               3              91
            POINT SOURCES              25            324            110               1              17

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                0              2              1               0               0
         BITUMINOUS COAL
            AREA SOURCES               15             57             17               1              10
         RESIDUAL OIL
            AREA SOURCES                0              3              0               0               0
         DISTILLATE OIL
            AREA SOURCES                0              8              5               0               0
            POINT SOURCES               9            348             93               2              23
         NATURAL GAS
            AREA SOURCES                3              1            105               5              20
            POINT SOURCES               1              0            269               1              20
```

```
          AREA SOURCES              4964          92360          14523            290           1319
          POINT SOURCES              298            816           1152              2             21
        DISTILLATE OIL
          POINT SOURCES               17            758            176              2             45
        NATURAL GAS
          AREA SOURCES                52              7           1853             94            368
          POINT SOURCES                0              0             19              0              4
        TOTAL (COMM-INST)
          AREA SOURCES              5016          92367          16376            384           1687
          POINT SOURCES              315           1574           1347              4             70

      TOTAL (EXTERNAL COMB)
          AREA SOURCES             13330         116753          91916          37386          45832
          POINT SOURCES            26051          93394         325048          10213          29972

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL                31           1452            274             12            144
        NATURAL GAS                   11              3           2734             48            189
        TOTAL (ELEC GEN)              42           1455           3008             60            333

      INDUSTRIAL FUEL

        DISTILLATE OIL                 6            101            119              8             31
        NATURAL GAS                 1046           1460          66975           5700          11385
        GASOLINE                       0              0              0              4            141
        TOTAL (INDUSTRIAL)          1052           1561          67094           5712          11557

      TOTAL (INTERNAL COMB)         1094           3016          70102           5772          11890

    TOTAL (FUEL COMBUSTION)

          AREA SOURCES             13330         116753          91916          37386          45832
          POINT SOURCES            27145          96410         395150          15985          41862
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING    [illegible]    [illegible]    [illegible]    [illegible]    [illegible]
  FOOD/AGRICULTURAL           [illegible]          26548            170           6000          52613
  PRIMARY METAL                    21187           6138            170           6000          52613
  SECONDARY METALS                  1124           3251             11             20           4288
  MINERAL PRODUCTS                 12717          10594           2804            165           9357
  PETROLEUM INDUSTRY                8286         103348          88803          80118          70846
  WOOD PRODUCTS                    29905           7810           1525            587          35057
  ORGANIC SOLVENT EVAPORATION         16              0              0          19761              0
  PETROLEUM STORAGE/TRANSPORT         20              0              0          49224              0
  METAL FABRICATION                  266              0              0              0              0
  OTHER/NOT CLASSIFIED               943           6412           1700           3993            252
  TOTAL (INDUSTRIAL)              105823         168408         115193         388875         981087

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION         961            200            160            120           2803
      TOTAL (GOVERNMENT)             961            200            160            120           2803

  RESIDENTIAL (AREA)

      ON SITE INCINERATION           958              9             24           2699           8096
      OPEN BURNING                  4348            162           1114           5874          18616
      TOTAL (RESIDENTIAL)           5306            171           1138           8573          26712
```

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SELECT CARD = <      121                                                                  40>
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                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

AQCR EMISSIONS REPORT                                                      RUN DATE:   MONDAY   NOVEMBER 28, 1983
*****************************                                   AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
AQCR:129 DULUTH-SUPERIOR                                       POINT EMISSIONS AS OF:  MONDAY       JULY 11, 1983

                              PARTICULATES        SOX             NOX             VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL             73             837             523              19             144
            NATURAL GAS                11               1             403              22              83
            WOOD                    12027             126             948           24968           74209
            TOTAL (RESIDENTIAL)     12111             964            1874           25009           74436

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          2138           37841           41169             174            1553
            RESIDUAL OIL               49             987             221               2              15
            DISTILLATE OIL              0              17              14               0               3
            NATURAL GAS                 0               0             138               0               7
            TOTAL (ELEC GEN)         2187           38845           41542             176            1578

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            4              30               6               0               0
                POINT SOURCES        1740           16870            5217              27             490
            RESIDUAL OIL
                POINT SOURCES         127            2359             465               2              36
            DISTILLATE OIL
                AREA SOURCES            4              42              47               1              11
                POINT SOURCES           1              55              14               0               4
            NATURAL GAS
                AREA SOURCES            4               1            1137             333             140
                POINT SOURCES           9               3            2271              11             189
            PROCESS GAS
                POINT SOURCES           5             564             224               5              37
            WOOD
                POINT SOURCES         787             113             722             333             628
            OTHER
                POINT SOURCES           2              13               6               0               2
            TOTAL (INDUSTRIAL)
                AREA SOURCES           12              73            1190             334             151
                POINT SOURCES        2671           19977            8919             378            1386

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            0               4               1               0               0
            BITUMINOUS COAL
                POINT SOURCES         115             682             153               0               9
```

```
     ELECTRIC GENERATION

          NATURAL GAS                          0              6             579             77            701
          TOTAL (ELEC GEN)                     0              6             579             77            701

     INDUSTRIAL FUEL

          NATURAL GAS                         17             33            3498           1271            504
          TOTAL (INDUSTRIAL)                  17             33            3498           1271            504

     TOTAL (INTERNAL COMB)                    17             39            4077           1348           1205

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1302           6933           23445           9395           6587
                POINT SOURCES                694           8034           13348           1432           2535

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                      1            402               0              0              2
   PRIMARY METAL                             517          52587               0              0           1341
   SECONDARY METALS                            3              0               0              0              0
   MINERAL PRODUCTS                         4270             14              11             15              8
   PETROLEUM INDUSTRY                        244           2749            1602           1935             29
   PETROLEUM STORAGE/TRANSPORT                 0              0               0           1159              0
   TOTAL (INDUSTRIAL)                       5035          55752            1613           3109           1380

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

        ON SITE INCINERATION                 147              2               4            415           1241
        OPEN BURNING                         529             18             136            717           2267
        TOTAL (RESIDENTIAL)                  676             20             140           1132           3508

   COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  33             10              15             20             45
                AREA SOURCES                   8              0               2             15             38
        TOTAL (COMM-INST)
                AREA SOURCES                  41             10              17             35             83

   INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  18              2               2             17             27
                POINT SOURCES                 32              4              31            325           3837
        OPEN BURNING
                AREA SOURCES                   9              0               4             15             50
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  27              2               6             32             77
                POINT SOURCES                 32              4              31            325           3837

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 744             32             163           1199           3668
                POINT SOURCES                 32              4              31            325           3837

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

```
    TOTAL (TRANSPORTATION)                  41372             7363            72139            51610           490951

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          311                0               73              348             2543
    STRUCTURAL FIRES                          457                0               41              340             1862
    GASOLINE STA EVAP LOSS                      0                0                0             7191                0
    SOLVENT EVAPORATION LOSS                    0                0                0            29758                0
    UNPAVED ROADS                          124902                0                0                0                0
    UNPAVED AIRSTRIPS                          94                0                0                0                0
    TOTAL (MISCELLANEOUS)                  125764                0              114            37637             4405

GRAND TOTAL
***********

    AREA SOURCES                           187901            11210            90361           132409           618574

    POINT SOURCES                           60774           309430            85498            22144            64411

    TOTAL                                  248675           320640           175859           154553           682985
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                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                   ******************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                   *******************************

AQCR EMISSIONS REPORT                                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
*****************************                                                    AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA                                POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                   PARTICULATES        SOX             NOX              VOC              CO
                                   ************    ************    ************    ************    ************
                                    TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                     13              43               6              13             135
         BITUMINOUS COAL                   1131            3499             229             755            6781
         DISTILLATE OIL                      83             943             591              22             163
         NATURAL GAS                         10               1             425              20              84
         WOOD                              9153              98             724           19003           56470
         TOTAL (RESIDENTIAL)              10390            4584            1973           19813           63633

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                   9704          260317          115347            1443            3042
         RESIDUAL OIL                         7             185               0               0               0
         DISTILLATE OIL                       1              96              28               4              14
         TOTAL (ELEC GEN)                  9712          260598          115375            1447            3056

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   1676            9479            3142               9             402
            POINT SOURCES                 19733           64104           18879             690            3189
         RESIDUAL OIL
            POINT SOURCES                   929           18074            2210             203            1285
         DISTILLATE OIL
            POINT SOURCES                    49            1113             277               6              52
         NATURAL GAS
            AREA SOURCES                     18               3            5528            1803             713
            POINT SOURCES                   151             198            2423              73             413
         PROCESS GAS
            AREA SOURCES                      5              20              22               0               1
         WOOD
            POINT SOURCES                   837             168            1352            7199            5782
         LIQUID PETROL GAS
            POINT SOURCES                     0               0               7               0               1
         OTHER
            POINT SOURCES                     3              23              14               2               7
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   1699            9502            8692            1812            1116
            POINT SOURCES                 21702           83680           25162            8173           10729

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                     63             206              71               0               2
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SELECT CARD = <       047                                                                                  40>
STATE 48 COUNTY 1040 NOT FOUND IN POINT FILE
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NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

AQCR EMISSIONS REPORT

AQCR:055 CHATTANOOGA

RUN DATE: MONDAY NOVEMBER 28, 1983
AREA EMISSIONS AS OF: TUESDAY NOVEMBER 22, 1983
POINT EMISSIONS AS OF: MONDAY JULY 11, 1983

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	VOC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	257	1001	52	175	1549
DISTILLATE OIL	3	69	41	1	11
NATURAL GAS	18	2	633	33	128
WOOD	1702	19	133	3536	10507
TOTAL (RESIDENTIAL)	1980	1091	859	3745	12195
ELEC GENERATION (POINT)					
BITUMINOUS COAL	6746	327615	88912	641	2157
DISTILLATE OIL	0	53	46	1	8
TOTAL (ELEC GEN)	6746	327668	88958	642	2165
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	589	3396	970	2	127
POINT SOURCES	1185	9166	3045	26	370
RESIDUAL OIL					
POINT SOURCES	3275	7443	8563	48	734
DISTILLATE OIL					
POINT SOURCES	207	94	226	5	8
NATURAL GAS					
AREA SOURCES	18	3	3209	861	389
POINT SOURCES	62	559	2375	33	172
WOOD					
POINT SOURCES	7	18	59	12	12
LIQUID PETROL GAS					
POINT SOURCES	0	0	13	1	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	607	3399	4179	863	516
POINT SOURCES	4736	17282	14281	125	1297
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	16	52	19	0	1
POINT SOURCES	3	1	13	0	1
RESIDUAL OIL					
AREA SOURCES	0	2	0	0	0
DISTILLATE OIL					
AREA SOURCES	2	42	31	0	5
NATURAL GAS					

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   COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES               33          11          16          19          46
        TOTAL (COMM-INST)
                  AREA SOURCES               33          11          16          19          46

   INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES                8           2           2           6          10
                  POINT SOURCES               3           2           2           2           7
        TOTAL (INDUSTRIAL)
                  AREA SOURCES                8           2           2           6          10
                  POINT SOURCES               3           2           2           2           7

   TOTAL (SOLID WASTE DISP)
                  AREA SOURCES             1829          62         300        3592       10985
                  POINT SOURCES               7           2           4          10          30

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           11459         407        8796       11456      121938
            LIGHT DUTY TRUCKS              3482         173        3623        4637       42845
            HEAVY DUTY VEHICLES             983          80        2596        3217       50492
            OFF HIGHWAY                      61          35         691        1837       23192
            TOTAL (GASOLINE)              15985         695       15706       21147      238467

        DIESEL

            HEAVY DUTY VEHICLES            1721         715        6567         934        2882
            OFF HIGHWAY                     358         280        3368         514        1019
            RAIL                            157         357        2315         563         814
            TOTAL (DIESEL)                 2236        1352       12250        2011        4715

   AIRCRAFT

        MILITARY                             47           3          24          56         115
        CIVIL                                 6           2          29          92        1820
        COMMERCIAL                            8          18         190         169         524
        TOTAL (AIRCRAFT)                     61          23         243         317        2459

   VESSELS

        DIESEL FUEL                          11          15         106          28          38
        GASOLINE                              0          26         147        3230       11519
        TOTAL (VESSELS)                      11          41         253        3258       11557

   TOTAL (TRANSPORTATION)                 18293        2111       28452       26733      257198

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                           5           0           1           6          43
   STRUCTURAL FIRES                         187           0          18         140         760
   GASOLINE STA EVAP LOSS                     0           0           0        2664           0
   SOLVENT EVAPORATION LOSS                   0           0           0        8492           0
   UNPAVED ROADS                          50572           0           0           0           0
   UNPAVED AIRSTRIPS                          2           0           0           0           0
   TOTAL (MISCELLANEOUS)                  50766           0          19       11302         803
```

POINT SOURCES	32831	109270	38585	10034	31401
TOTAL	107543	112721	67970	50617	254522

```
*** DOS ***
    AREA SOURCES                       39599          4265          24977
                                                                                                    *** DOS ***
    POINT SOURCES                       4867         21226           7258    250          218005

    TOTAL                              44466         25491          32235    709            3173

                                                                             959          221178
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*** D06 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         185            1           45          211         1522
    STRUCTURAL FIRES                         471            0           43          354         1928
    GASOLINE STA EVAP LOSS                     0            0            0         7410            0
    SOLVENT EVAPORATION LOSS                   0            0            0        27249            0
    UNPAVED ROADS                           4787            0            0            0            0
    TOTAL (MISCELLANEOUS)                   5443            1           88        35224         3450

GRAND TOTAL
***********

    AREA SOURCES                           63367        10962        80796       110943       608771

    POINT SOURCES                          22814       429878       134059        25558        17548

    TOTAL                                  86181       440840       214855       136501       626319
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*** D07 ***
            TOTAL (COMM-INST)
                 AREA SOURCES               18            71           128             6            30
                POINT SOURCES               10           348           362             3            43

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES              365          1512          1070           210           739
                POINT SOURCES              438          4269          1933             6           133

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              365          1512          1070           210           739
                POINT SOURCES              438          4269          1933             6           133

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                      369             0             0             0             0
    MINERAL PRODUCTS                      3207            47            23            51            24
    PETROLEUM STORAGE/TRANSPORT              0             0             0           660             0
    TOTAL (INDUSTRIAL)                    3576            47            23           711            24

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               146             2             3           411          1231
        OPEN BURNING                       191             7            48           257           814
        TOTAL (RESIDENTIAL)                337             9            51           668          2045

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES               17             4             8            10            24
        TOTAL (COMM-INST)
                 AREA SOURCES               17             4             8            10            24

    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES                5             1             1             5             8
        TOTAL (INDUSTRIAL)
                 AREA SOURCES                5             1             1             5             8

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              359            14            60           683          2077

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           2332            95          2169          2768         28277
            LIGHT DUTY TRUCKS              759            45           966          1190         10544
            HEAVY DUTY VEHICLES            187            18           552           619          9790
            OFF HIGHWAY                     12             6           127           340          4298
            TOTAL (GASOLINE)              3290           164          3814          4917         52909

        DIESEL

            HEAVY DUTY VEHICLES           1424           591          5399           774          2390
            OFF HIGHWAY                    148           116          1393           211           421
            RAIL                            13            26           177            44            62
            TOTAL (DIESEL)                1585           733          6969          1029          2873
```

```
*** D08 ***                                                                                          *** D08 ***
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 36             9            17            22            51
                POINT SOURCES               111             0            29            27           309
        OPEN BURNING
                AREA SOURCES                  1             0             0             2             4
        TOTAL (COMM-INST)
                AREA SOURCES                 37             9            17            24            55
                POINT SOURCES               111             0            29            27           309

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 20             2             2            19            34
                POINT SOURCES              2829          7051          2083          1228          8823
        OPEN BURNING
                AREA SOURCES                 10             0             4            16            55
                POINT SOURCES                99             0            23           139           812
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 30             2             6            35            89
                POINT SOURCES              2928          7051          2106          1367          9635

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               5373           182          1161          8632         26856
                POINT SOURCES              4000          7251          2295          1514         12747

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           71547          2849         56802         66187        653563
            LIGHT DUTY TRUCKS             23067          1326         24235         26160        223644
            HEAVY DUTY VEHICLES            4973           421         12940         15370        243397
            OFF HIGHWAY                     246           130          2717          7220         91298
            TOTAL (GASOLINE)              99833          4726         96694        114937       1211902

        DIESEL

            HEAVY DUTY VEHICLES           12106          5331         48527          6534         20071
            OFF HIGHWAY                    4184          3279         39357          5995         11903
            RAIL                           1623          3683         23917          5809          8405
            TOTAL (DIESEL)                17913         12293        111801         18338         40379

    AIRCRAFT

        MILITARY                            925            59           475          1087          2245
        CIVIL                                29            13           135           413          8344
        COMMERCIAL                           62           144          1488          1318          4094
        TOTAL (AIRCRAFT)                   1016           216          2098          2818         14683

    VESSELS

        DIESEL FUEL                        1647          2063         15374          3844          5376
        RESIDUAL OIL                       1776         23396          3843           230           128
        GASOLINE                              0           118           697         15350         54713
        TOTAL (VESSELS)                    3423         25577         19914         19424         60217

    TOTAL (TRANSPORTATION)               122185         42812        230507        155517       1327181

MISCELLANEOUS (AREA)
********************
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                                 RUN DATE:    MONDAY   NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
****************************                                         POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
AQCR:121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE

                              PARTICULATES        SOX              NOX              VOC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 7              17               1               7              59
         DISTILLATE OIL                277            3187            1991              78             554
         NATURAL GAS                    26               4             883              48             177
         WOOD                         7880              83             623           16360           48623
         TOTAL (RESIDENTIAL)          8190            3291            3498           16493           49413

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               347           44429           16465             167             546
         RESIDUAL OIL                 1717           21343            4267             110             487
         TOTAL (ELEC GEN)             2064           65772           20732             277            1033

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 1              21              12               0               0
         BITUMINOUS COAL
            AREA SOURCES                20             196              49               0               6
            POINT SOURCES               30              13               7               0               3
         RESIDUAL OIL
            AREA SOURCES                45             564             129               0              12
            POINT SOURCES              689            8885            2013             749             156
         DISTILLATE OIL
            AREA SOURCES                26             236             266               9              63
            POINT SOURCES                1              89              18               0               6
         NATURAL GAS
            AREA SOURCES                 2               0             168              14              29
            POINT SOURCES               23               5            2048             213             176
         PROCESS GAS
            POINT SOURCES                0               4               4               0               1
         COKE
            AREA SOURCES                 7              19               3               0               1
         WOOD
            POINT SOURCES               10               0               2              20               5
         TOTAL (INDUSTRIAL)
            AREA SOURCES               101            1036             627              23             111
            POINT SOURCES              753            8996            4092             982             347

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
```

```
*** D10 ***
        RESIDUAL O
            POINT
        DISTILLATE
            AREA S OIL                                                                                  *** D10 ***
            POINT T SOURCES                3              55              15               0               1
        NATURAL GATE OIL
            AREA S SOURCES                11             186             132               0              33
            POINT T SOURCES                0               6               1               0               0
        WOOD       GAS
            POINT  SOURCES                 4               1             227               9              47
        TOTAL (COMT SOURCES                0               0             154               3              16
            AREA S
            POINT T SOURCES               26               0               2               5              12
                  OMM-INST)
     TOTAL (EXTERNA SOURCES               15             191             360               9              80
            AREA ST SOURCES              144             743             325               8              38
            POINT
                  NAL COMB)
  INTERNAL COMBUSTIO SOURCES           12138            1228            3424           25352           74667
                  T SOURCES             5002           59565           50786             562            3002

     ELECTRIC GENERION (POINT)

         DISTILLATE
         NATURAL GAERATION
         TOTAL (ELE
                  TE OIL                   1               1              20               1               4
     INDUSTRIAL FUEGAS                    12              10             487              35              96
                  LEC GEN)                13              11             507              36             100

         DISTILLATE
         NATURAL GAUEL
         DIESEL FUE
         OTHER    TE OIL                  64              84             490              23              79
         TOTAL (INDGAS                    22               0             488              12             195
                  UEL                     18               4             275               7              72
     TOTAL (INTERNA                        1              11              19               1               4
                  NDUSTRIAL)             105              99            1272              43             350

  TOTAL (FUEL COMBUSNAL COMB)            118             110            1779              79             450

            AREA S
            POINT USTION)

INDUSTRIAL PROCESS (PO SOURCES         12138            1228            3424           25352           74667
*********************  SOURCES          5120           59675           52565             641            3452

                  POINT)
    CHEMICAL MANUFACTU******
    FOOD/AGRICULTURAL
    PRIMARY METAL  URING                   0             270               0               0               0
    MINERAL PRODUCTS                    1035               0               0               0               0
    PETROLEUM INDUSTRY                 39642            5325               0               0               0
    WOOD PRODUCTS                       8718            1903             556             161              60
    ORGANIC SOLVENT EVY                   57            2161            1185             760           16797
    PETROLEUM STORAGE/                  1892            2046              60              12              12
    OTHER/NOT CLASSIFIVAPORATION           0               0               1            1965               0
    TOTAL (INDUSTRIAL)/TRANSPORT           0               0               0            4259               0
                  IED                      0             626               0               0               0
SOLID WASTE DISPOSAL )                 51344           12331            1802            7157           16869
********************

    RESIDENTIAL (AREA)

        ON SITE INCINE)
        OPEN BURNING
        TOTAL (RESIDEERATION             177               0               4             497            1497
                                         984              37             252            1328            4208
    COMMERCIAL-INSTITUNTIAL)            1161              37             256            1825            5705

                  UTIONAL
```

GASOLINE					
LIGHT DUTY VEHICLES	13219	628	6786	16201	203648
LIGHT DUTY TRUCKS	4398	219	3283	6152	75130
HEAVY DUTY VEHICLES	565	40	1080	1818	30661
OFF HIGHWAY	32	16	363	965	12201
TOTAL (GASOLINE)	18214	703	11512	25136	321640
DIESEL					
HEAVY DUTY VEHICLES	1893	734	5781	1319	3745
OFF HIGHWAY	728	570	6847	1043	2069
RAIL	388	882	5721	1389	2009
TOTAL (DIESEL)	3009	2186	18349	3751	7823
AIRCRAFT					
MILITARY	982	64	505	1155	2386
CIVIL	6	3	29	89	1809
COMMERCIAL	9	22	229	203	629
TOTAL (AIRCRAFT)	997	89	763	1447	4824
VESSELS					
GASOLINE	0	3	20	449	1599
TOTAL (VESSELS)	0	3	20	449	1599
TOTAL (TRANSPORTATION)	22220	2981	30644	30783	335886
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	70	0	16	79	582
FOREST MANAGED BURNING	787	6	157	563	4407
STRUCTURAL FIRES	150	0	13	113	611
GASOLINE STA EVAP LOSS	0	0	0	3089	0
SOLVENT EVAPORATION LOSS	0	0	0	7061	0
UNPAVED ROADS	455318	0	0	0	0
UNPAVED AIRSTRIPS	108	0	0	0	0
TOTAL (MISCELLANEOUS)	456433	6	186	10905	5600
GRAND TOTAL ***********					
AREA SOURCES	480699	9952	54438	52282	351741
POINT SOURCES	5761	63790	14792	4866	7752
TOTAL	486460	73742	69230	57148	359493

```
SELECT CARD = <      179                                                                        40>
STATE 36 COUNTY 4180 NOT FOUND IN POINT FILE
```

BITUMINOUS COAL					
POINT SOURCES	256	1550	559	146	799
RESIDUAL OIL					
AREA SOURCES	24	412	71	0	4
DISTILLATE OIL					
POINT SOURCES	0	11	6	0	1
NATURAL GAS					
AREA SOURCES	5	1	293	13	54
POINT SOURCES	3	2	40	1	5
WOOD					
POINT SOURCES	1	0	4	25	20
OTHER					
POINT SOURCES	1	0	1	0	0
TOTAL (COMM-INST)					
AREA SOURCES	92	619	435	13	60
POINT SOURCES	261	1563	610	172	825
TOTAL (EXTERNAL COMB)					
AREA SOURCES	12181	14705	11100	21638	64809
POINT SOURCES	31675	345841	141147	9792	14610
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	1	0	2262	7	235
TOTAL (INDUSTRIAL)	1	0	2262	7	235
TOTAL (INTERNAL COMB)	1	0	2262	7	235
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	12181	14705	11100	21638	64809
POINT SOURCES	31676	345841	143409	9799	14845
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	3930	1938	9574	31024	10032
FOOD/AGRICULTURAL	174	3	0	0	0
PRIMARY METAL	6373	13352	1040	389	25138
SECONDARY METALS	151	170	144	264	518
MINERAL PRODUCTS	10334	1700	1208	2477	3659
PETROLEUM INDUSTRY	89	0	0	39	0
WOOD PRODUCTS	6395	619	1466	1680	4081
ORGANIC SOLVENT EVAPORATION	1189	1	22	38657	1
PETROLEUM STORAGE/TRANSPORT	0	0	0	394	0
METAL FABRICATION	12	0	7	11	1
TEXTILE MANUFACTURING	1	7	6	1732	1
OTHER/NOT CLASSIFIED	207	688	13	1170	936
TOTAL (INDUSTRIAL)	28855	18478	13480	77837	44367
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	2	6	7	4	62
OTHER INCINERATION	2	1	7	2	0
TOTAL (GOVERNMENT)	4	7	14	6	62
RESIDENTIAL (AREA)					
ON SITE INCINERATION	764	8	23	2147	6444
OPEN BURNING	3930	149	1006	5300	16819
TOTAL (RESIDENTIAL)	4694	157	1029	7447	23263

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                                                                                                   *** E01 ***
                                       NATIONAL EMISSIONS DATA SYSTEM
                                      *******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************

AQCR EMISSIONS REPORT
****************************                                                RUN DATE:   MONDAY  NOVEMBER 28, 1983
AQCR:047 NATIONAL CAPITAL                                      AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                              POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                           PARTICULATES        SOX           NOX           VOC            CO
                           ************   ************  ************  ************  ************
                            TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              0             0             0             0             3
         BITUMINOUS COAL             29            79             5            19           173
         DISTILLATE OIL             156          1842          1125            43           312
         NATURAL GAS                 98            20          3245           172           650
         WOOD                      3790            40           300          7871         23391
         TOTAL (RESIDENTIAL)       4073          1981          4675          8105         24529

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          32966        107530         41250           365          1529
         RESIDUAL OIL              1302          6105          6748           108           597
         DISTILLATE OIL              87          6276          1455            15            97
         TOTAL (ELEC GEN)         34355        119911         49453           488          2223

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            120           714           236             1            30
            POINT SOURCES           772          5094          1909            11           839
         RESIDUAL OIL
            POINT SOURCES            82          1284           491             3            45
         DISTILLATE OIL
            AREA SOURCES             27           268           303            10            71
            POINT SOURCES             5            51            39             0            10
         NATURAL GAS
            AREA SOURCES              6             0          1126           310           139
            POINT SOURCES             1             0           108             0             9
         OTHER
            POINT SOURCES             9           325           193             1             4
         TOTAL (INDUSTRIAL)
            AREA SOURCES            153           982          1665           321           240
            POINT SOURCES           869          6754          2740            15           907

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             14            48            17             0             1
         BITUMINOUS COAL
            AREA SOURCES            209           859           287            13           171
         RESIDUAL OIL
            POINT SOURCES           342          6500          2370            48           224
         DISTILLATE OIL
```

```
                 AREA SOURCES            4          0          209          9         41
         TOTAL (COMM-INST)
                 AREA SOURCES           22         96          259          9         47
                 POINT SOURCES           3          1           13          0          1

     TOTAL (EXTERNAL COMB)
                 AREA SOURCES         2609       4586         5297       4617      12758
                 POINT SOURCES       11485     344951       103252        767       3463

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES         2609       4586         5297       4617      12758
                 POINT SOURCES       11485     344951       103252        767       3463

 INDUSTRIAL PROCESS (POINT)
 ***************************

   CHEMICAL MANUFACTURING             1025       1960          709       6474          0
   FOOD/AGRICULTURAL                   915          0            0          0          0
   PRIMARY METAL                       757        654            4        365         60
   SECONDARY METALS                   1173        517           61        155      20421
   MINERAL PRODUCTS                   1539       6607         2503         50         25
   WOOD PRODUCTS                      1011       2581         1102        575      23888
   ORGANIC SOLVENT EVAPORATION          11          0            0       4479          0
   PETROLEUM STORAGE/TRANSPORT           6          0            0        260          0
   METAL FABRICATION                    21          0            0         99          0
   TEXTILE MANUFACTURING                23          0            0          2          0
   OTHER/NOT CLASSIFIED                  1         37            0          7          0
   TOTAL (INDUSTRIAL)                 6482      12356         4379      12466      44394

 SOLID WASTE DISPOSAL
 ********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION            164          3            5        461       1382
       OPEN BURNING                   1327         51          338       1788       5670
       TOTAL (RESIDENTIAL)            1491         54          343       2249       7052

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
                 AREA SOURCES            5          0            3          3          8
                 POINT SOURCES           3          1           19         13         20
       OPEN BURNING
                 AREA SOURCES            2          0            0          4          8
       TOTAL (COMM-INST)
                 AREA SOURCES            7          0            3          7         16
                 POINT SOURCES           3          1           19         13         20

   INDUSTRIAL

       ON SITE INCINERATION
                 POINT SOURCES          37       8844           26         44         66
       OPEN BURNING
                 AREA SOURCES           37          0           15         63        215
                 POINT SOURCES           3          0            1          4         21
       TOTAL (INDUSTRIAL)
                 AREA SOURCES           37          0           15         63        215
                 POINT SOURCES          40       8844           27         48         87

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES         1535         54          361       2319       7283
                 POINT SOURCES          43       8845           46         61        107

 TRANSPORTATION (AREA)
```

```
*** E03 ***                                                                                                   *** E03 ***
GRAND TOTAL
***********

    AREA SOURCES                         74319          3801          32439          48664          289150

    POINT SOURCES                        44064        101026         100880          19186            5499

    TOTAL                               118383        104827         133319          67850          294649
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*** E04 ***                                                                                          *** E04 ***
SELECT CARD = <      070                                               40>
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*** EOS ***
SELECT CARD = <       077
```

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4(
*** EOS ***
*** E06 ***                                                                                   *** E06 **
SELECT CARD = <      082                                                  40>
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```
    AIRCRAFT

        MILITARY                          27           2          14          32          66
        CIVIL                              1           1           9          26         520
        COMMERCIAL                         4          10         106          94         293
        TOTAL (AIRCRAFT)                  32          13         129         152         879

    VESSELS

        GASOLINE                           0           0           0           7          24
        TOTAL (VESSELS)                    0           0           0           7          24

    TOTAL (TRANSPORTATION)              4907         910       10912        6105       56685

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      24           0           6          26         190
    STRUCTURAL FIRES                      39           0           3          30         159
    GASOLINE STA EVAP LOSS                 0           0           0         989           0
    SOLVENT EVAPORATION LOSS               0           0           0        1829           0
    UNPAVED ROADS                      56476           0           0           0           0
    UNPAVED AIRSTRIPS                      5           0           0           0           0
    TOTAL (MISCELLANEOUS)              56544           0           9        2874         349

GRAND TOTAL
***********

    AREA SOURCES                       62175        2436       12051        9872       59850

    POINT SOURCES                       4014        4316        1956         717         157

    TOTAL                              66189        6752       14007       10589       60007
```

*** E08 ***					
FOREST WILDFIRES	7251	63	1706	8186	59701
FOREST MANAGED BURNING	4563	32	914	3261	25532
AGRICULTURAL BURNING	12157	0	1723	11208	80794
STRUCTURAL FIRES	942	0	89	704	3836
GASOLINE STA EVAP LOSS	0	0	0	19050	0
SOLVENT EVAPORATION LOSS	0	0	0	42860	0
UNPAVED ROADS	323289	0	0	0	0
UNPAVED AIRSTRIPS	72	0	0	0	0
TOTAL (MISCELLANEOUS)	348274	95	4432	85269	169863
GRAND TOTAL ***********					
AREA SOURCES	489162	159842	328016	286804	1569732
POINT SOURCES	136968	272069	512638	406374	1035696
TOTAL	626130	431911	840654	693178	2605428

AREA SOURCES	58	188	69	0	3
RESIDUAL OIL					
AREA SOURCES	183	1987	540	11	48
POINT SOURCES	156	1965	424	8	35
DISTILLATE OIL					
AREA SOURCES	40	572	398	5	98
POINT SOURCES	1	92	11	0	3
NATURAL GAS					
AREA SOURCES	11	2	397	21	79
POINT SOURCES	1	0	45	1	9
TOTAL (COMM-INST)					
AREA SOURCES	292	2749	1404	37	228
POINT SOURCES	158	2057	480	9	47
TOTAL (EXTERNAL COMB)					
AREA SOURCES	8583	7076	5529	16553	49752
POINT SOURCES	2975	76825	25304	1268	1427
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	4	12	1	3
NATURAL GAS	1	0	29	0	0
TOTAL (ELEC GEN)	2	4	41	1	3
TOTAL (INTERNAL COMB)	2	4	41	1	3
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	8583	7076	5529	16553	49752
POINT SOURCES	2977	76829	25345	1269	1430
INDUSTRIAL PROCESS (POINT) *************************					
CHEMICAL MANUFACTURING	209	0	0	1156	0
FOOD/AGRICULTURAL	1	95	32	1	2
MINERAL PRODUCTS	391	24	11	26	13
PETROLEUM INDUSTRY	9	113	20	0	2
WOOD PRODUCTS	68	210	0	21	0
ORGANIC SOLVENT EVAPORATION	622	54	13	20141	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1872	0
TEXTILE MANUFACTURING	20	0	0	98	0
OTHER/NOT CLASSIFIED	16	335	0	413	0
TOTAL (INDUSTRIAL)	1336	831	76	23728	17
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	873	13	28	2458	7372
OPEN BURNING	1336	49	343	1805	5721
TOTAL (RESIDENTIAL)	2209	62	371	4263	13093
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	173	55	82	99	236
POINT SOURCES	4	0	2	1	1
OPEN BURNING					
AREA SOURCES	2	0	0	4	8
TOTAL (COMM-INST)					
AREA SOURCES	175	55	82	103	244
POINT SOURCES	4	0	2	1	1

```
*** E10 ***
        ON SITE INCIN
                AREA :
                POINT ERATION                                                                                          *** E10 ***
        OPEN BURNING  SOURCES            18            2            11            11            25
                AREA : SOURCES           13            0             2            18           216
        TOTAL (COMM-I
                AREA :SOURCES             4            0             1             9            21
                POINT NST)
                      SOURCES            22            2            12            20            46
    INDUSTRIAL         SOURCES           13            0             2            18           216

        ON SITE INCIN
                AREA :
                POINT ERATION
        OPEN BURNING  SOURCES             6            0             0             6            11
                AREA : SOURCES          121            2            23           248          2922
        TOTAL (INDUSTI
                AREA  SOURCES             4            0             2             6            20
                POINT RIAL)
                      SOURCES            10            0             2            12            31
    TOTAL (SOLID WASTI SOURCES          121            2            23           248          2922
                AREA :
                POINTE DISP)
                      SOURCES          1193           39           270          1857          5782
TRANSPORTATION (AREA) SOURCES           134            2            25           266          3138
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUT
            LIGHT DUT
            HEAVY DUT VEHICLES         7730          327          7507          9131         92509
            OFF HIGHW/ TRUCKS          3453          207          4496          5316         47109
            TOTAL (GA VEHICLES          489           47          1527          1648         26101
                      AY                 48           25           525          1398         17676
        DIESEL        SOLINE)         11720          606         14053         17493        183395

            HEAVY DUT
            OFF HIGHW
            RAIL      VEHICLES         1113          526          4756           593          1816
            TOTAL (DI Y                 282          221          2652           405           804
                                         91          196          1281           311           451
    AIRCRAFT          ESEL)            1486          943          8689          1309          3071

        MILITARY
        CIVIL
        COMMERCIAL                      106            7            54           124           256
        TOTAL (AIRCRA                     3            0            23            70          1440
                                          2            4            40            35           110
    VESSELS           T)                111           11           117           229          1806

        DIESEL FUEL
        RESIDUAL OIL
        GASOLINE                        114          142          1063           266           372
        TOTAL (VESSEL                    34          444            73             4             2
                                          0           58           334          7344         26175
    TOTAL (TRANSPORTA )                 148          644          1470          7614         26549

MISCELLANEOUS (AREA)  ION)            13465         2204         24329         26645        214821
********************

    FOREST WILDFIRES
    STRUCTURAL FIRES
    GASOLINE STA EVAP                  3365           27           792          3803         27723
                                        139            0             9           105           564
                      LOSS                0            0             0          2538             0
```

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SELECT CARD = <       159                                                         40>
STATE 47 COUNTY 0260 NOT FOUND IN POINT FILE
STATE 47 COUNTY 0420 NOT FOUND IN POINT FILE
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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:     MONDAY   NOVEMBER 28, 1983
****************************                                       AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
AQCR:179 PARKERSBURG-MARIETTA                                     POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                              PARTICULATES        SOX              NOX              VOC               CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             0               1               0               0               3
            BITUMINOUS COAL            11              47               2               9              69
            DISTILLATE OIL              4              44              28               0               6
            NATURAL GAS                16               2             515              27             105
            WOOD                     3287              34             260            6821           20272
            TOTAL (RESIDENTIAL)      3318             128             805            6857           20455

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         11944          339522           85553             672            2772
            DISTILLATE OIL              1             167              50               1               7
            TOTAL (ELEC GEN)        11945          339689           85603             673            2779

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         787           75836           10242             197             587
            RESIDUAL OIL
                POINT SOURCES          59            1044             153               8               9
            DISTILLATE OIL
                AREA SOURCES           14             149             168               5              37
                POINT SOURCES          28             635             246              10              21
            NATURAL GAS
                AREA SOURCES           25               5            7094            2255             864
                POINT SOURCES           9               0             182               5              22
            TOTAL (INDUSTRIAL)
                AREA SOURCES           39             154            7262            2260             901
                POINT SOURCES         883           77515           10823             220             639

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            5              20               6               0               0
            BITUMINOUS COAL
                AREA SOURCES           21             177              31               1              18
                POINT SOURCES         404            1321             222              11              27
            DISTILLATE OIL
                AREA SOURCES            2              50              36               0               9
            NATURAL GAS
                AREA SOURCES            4               0             178               8              36
            WOOD
                POINT SOURCES           3               0               2               6              13
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            31              6             14             18             40
                POINT SOURCES          176              3            408              5             30
        OPEN BURNING
                AREA SOURCES            32              2             12             64            175
        TOTAL (COMM-INST)
                AREA SOURCES            63              8             26             82            215
                POINT SOURCES          176              3            408              5             30

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            17              1              1             17             30
                POINT SOURCES          542              3             19             73            596
        OPEN BURNING
                AREA SOURCES            44              0             21             67            225
                POINT SOURCES           10              0             57             19              1
        TOTAL (INDUSTRIAL)
                AREA SOURCES            61              1             22             84            255
                POINT SOURCES          552              3             76             92            597

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          4818            166           1077           7613          23733
                POINT SOURCES          732             13            498            103            689

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      27800           1469          32502          35052         321119
            LIGHT DUTY TRUCKS         8868            681          14090          14152         111928
            HEAVY DUTY VEHICLES       1607            173           5749           5397          86604
            OFF HIGHWAY                106             58           1199           3188          40279
            TOTAL (GASOLINE)         38381           2381          53540          57789         559930

        DIESEL

            HEAVY DUTY VEHICLES       6068           3065          27535           3228           9772
            OFF HIGHWAY                392            303           3666            557           1106
            RAIL                       562           1274           8265           2008           2903
            TOTAL (DIESEL)            7022           4642          39466           5793          13781

    AIRCRAFT

        MILITARY                        75              4             38             89            183
        CIVIL                            8              4             54            166           3338
        COMMERCIAL                      14             33            338            300            929
        TOTAL (AIRCRAFT)                97             41            430            555           4450

    VESSELS

        DIESEL FUEL                     84            103            783            198            275
        GASOLINE                         0             26            154           3410          12161
        TOTAL (VESSELS)                 84            129            937           3608          12436

    TOTAL (TRANSPORTATION)           45584           7193          94373          67745         590597

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  1472              7            345           1665          12127
```

```
          AREA SOURCES                  0           3           3           0           0
          POINT SOURCES               166        2108        1616          28         376
      NATURAL GAS
          AREA SOURCES                 47           8        1601          84         321
          POINT SOURCES                 0           0          26           0           4
      OTHER
          POINT SOURCES                 3          44          34           0           5
      TOTAL (COMM-INST)
          AREA SOURCES                270         918        1908          97         493
          POINT SOURCES               511        8652        4046          76         609

    TOTAL (EXTERNAL COMB)
          AREA SOURCES               4496        3881        8248        8523       25262
          POINT SOURCES             35735      135317       56239         579        3739

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                 19         128         247          20          53
        TOTAL (ELEC GEN)               19         128         247          20          53

    INDUSTRIAL FUEL

        NATURAL GAS                     0           0           5           0           1
        TOTAL (INDUSTRIAL)              0           0           5           0           1

    TOTAL (INTERNAL COMB)              19         128         252          20          54

  TOTAL (FUEL COMBUSTION).

          AREA SOURCES               4496        3881        8248        8523       25262
          POINT SOURCES             35754      135445       56491         599        3793
INDUSTRIAL PROCESS (POINT)
**************************

  FOOD/AGRICULTURAL                     2           0           0         110           0
  PRIMARY METAL                         2           0           0           0           0
  SECONDARY METALS                      1           1           0           0           0
  MINERAL PRODUCTS                   2728          58           0           0          81
  PETROLEUM INDUSTRY                    0           1          29          63          29
  ORGANIC SOLVENT EVAPORATION           3           0           2           0           0
  PETROLEUM STORAGE/TRANSPORT           0           0           0        1078           0
  OTHER/NOT CLASSIFIED                  1           0           0        1919           0
  TOTAL (INDUSTRIAL)                 2737          60          31        3170         110

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION          460         488         501         154        4860
      OTHER INCINERATION              152          27         139          27           0
      TOTAL (GOVERNMENT)              612         515         640         181        4860

  RESIDENTIAL (AREA)

      ON SITE INCINERATION            136           2           4         384        1152
      OPEN BURNING                    805          30         206        1083        3436
      TOTAL (RESIDENTIAL)             941          32         210        1467        4588

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES            671         211         316
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**********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          14297          659         14424         16493        156918
            LIGHT DUTY TRUCKS             3941          269          5588          6136         49896
            HEAVY DUTY VEHICLES            841           82          2627          2758         43872
            OFF HIGHWAY                     52           25           559          1488         18800
            TOTAL (GASOLINE)             19131         1035         23198         26875        269486

        DIESEL

            HEAVY DUTY VEHICLES           3065         1411         12784          1642          5033
            OFF HIGHWAY                    123           95          1154           174           351
            RAIL                           196          445          2874           701          1012
            TOTAL (DIESEL)                3384         1951         16812          2517          6396

    AIRCRAFT

        CIVIL                                4            1            23            72          1430
        TOTAL (AIRCRAFT)                     4            1            23            72          1430

    VESSELS

        DIESEL FUEL                         16           20           150            38            53
        GASOLINE                             0            5            34           742          2644
        TOTAL (VESSELS)                     16           25           184           780          2697

    TOTAL (TRANSPORTATION)               22535         3012         40217         30244        280009

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      1240           12           293          1399         10205
    FOREST MANAGED BURNING                 394            0            80           281          2190
    AGRICULTURAL BURNING                    33            0             2            30           212
    STRUCTURAL FIRES                       200            0            17           147           800
    GASOLINE STA EVAP LOSS                   0            0             0          3808             0
    SOLVENT EVAPORATION LOSS                 0            0             0         15266             0
    UNPAVED ROADS                        33355            0             0             0             0
    TOTAL (MISCELLANEOUS)                35222           12           392         20931         13407

GRAND TOTAL
***********

    AREA SOURCES                         61901         7664         46267         58111        313457

    POINT SOURCES                        18010       366152        107677         13294         47964

    TOTAL                                79911       373816        153944         71405        361421
```

```
*** F03 ***                                                                                  *** F03 ***
SELECT CARD = <      067                                                       40>
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*** F04 ***                                                                                                  *** F04 **

                                        NATIONAL EMISSIONS DATA SYSTEM
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                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

AQCR EMISSIONS REPORT
****************************                                                      RUN DATE:   MONDAY  NOVEMBER 28, 1983
AQCR:070 METROPOLITAN ST. LOUIS                                       AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
                                                                     POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983

                                  PARTICULATES        SOX              NOX              VOC               CO
                                  ************   ************     ************     ************     ************
                                   TONS / YR      TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                  0                0                0                0                1
            BITUMINOUS COAL                 23              116                4               74              144
            DISTILLATE OIL                  47              546              341               90               95
            NATURAL GAS                    121               23             4019              311              803
            WOOD                          3816               41              302             6179            23555
            TOTAL (RESIDENTIAL)           4007              726             4666             6654            24598

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              12253           690263           280982              872             5653
            RESIDUAL OIL                     0              104               25                0                2
            DISTILLATE OIL                  38              903              594               19              112
            NATURAL GAS                      0                0              183                1               13
            TOTAL (ELEC GEN)             12291           691270           281784              892             5780

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              1867            15722             2935               53              378
                POINT SOURCES             1206             7698             1395               45              577
            RESIDUAL OIL
                AREA SOURCES                 0                0                0               23                0
                POINT SOURCES              885             8966             2957               94              165
            DISTILLATE OIL
                AREA SOURCES                23              234              263                8               63
                POINT SOURCES               12               87               78                3               13
            NATURAL GAS
                AREA SOURCES                 8                2              725              123               80
                POINT SOURCES               63              875             5129               18              291
            PROCESS GAS
                POINT SOURCES                0                0               52                1               12
            WOOD
                POINT SOURCES                0                0                0                0                6
            OTHER
                POINT SOURCES                0                0                1                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              1898            15958             3923              207              521
                POINT SOURCES             2166            17626             9612              161             1064

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
```

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*** F05 ***
                                                                                                                    *** F05 ***
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

AQCR EMISSIONS REPORT                                                          RU
*****************************                                     AREA EMISSIONS
AQCR:077 EVANSVILLE-OWENSBORO-HENDERSON                          POINT EMISSIONSN DATE:     MONDAY  NOVEMBER 28, 1983
                                                                                  AS OF:    TUESDAY  NOVEMBER 22, 1983
                                                                                  AS OF:     MONDAY      JULY 11, 1983
                              PARTICULATES        SOX             NOX              VO
                              ************    ************    ************     *******
                               TONS / YR       TONS / YR       TONS / YR        TONS /C                CO
FUEL COMBUSTION                                                                       ******      ************
***************                                                                       / YR          TONS / YR

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                2              13               0
         BITUMINOUS COAL               66             250              13
         DISTILLATE OIL                 7              91              55               2              37
         NATURAL GAS                   28               3             844              45             403
         WOOD                        1637              16             129               0              15
         TOTAL (RESIDENTIAL)         1740             373            1041              44             168
                                                                                     3397           10095
      ELEC GENERATION (POINT)                                                        3488           10718

         BITUMINOUS COAL            15174          715285          170724
         RESIDUAL OIL                   0               7               9
         DISTILLATE OIL                 0              90              60             494            5072
         TOTAL (ELEC GEN)           15174          715382          170793               0               0
                                                                                        0              14
      INDUSTRIAL FUEL                                                                 494            5086

         BITUMINOUS COAL
              AREA SOURCES           1089            9010            2058
              POINT SOURCES          3856           11994            2766
         RESIDUAL OIL                                                                   6             267
              AREA SOURCES             26             332              76              18             588
              POINT SOURCES            27             375             189
         DISTILLATE OIL                                                                 0               7
              AREA SOURCES             18             187             213               0              17
              POINT SOURCES             3              38              13
         NATURAL GAS                                                                    5              51
              AREA SOURCES              8               1             511               0               2
              POINT SOURCES             2               0             202
         WOOD                                                                          30             121
              POINT SOURCES           182               3              35               4              32
         TOTAL (INDUSTRIAL)
              AREA SOURCES           1141            9530            2858              30              65
              POINT SOURCES          4070           12410            3205
                                                                                       41             446
      COMM-INSTITUTIONAL FUEL                                                          52             704


         ANTHRACITE COAL
              AREA SOURCES              8              29              10
         BITUMINOUS COAL
              AREA SOURCES             59             287              54               0               0
              POINT SOURCES             8             697              83
         RESIDUAL OIL                                                                   1              32
                                                                                        2              55
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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                    RUN DATE:     MONDAY   NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
*********************                                    POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
AQCR:082 SOUTH BEND-ELKHART-BENTON HARBOR

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0               0               0               0               1
         BITUMINOUS COAL                4               6               0               1              18
         DISTILLATE OIL                47             542             338              13              95
         NATURAL GAS                   47              10            1594              84             320
         WOOD                        2536              27             201            5262           15641
         TOTAL (RESIDENTIAL)         2634             585            2133            5360           16075

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             1489           82077           25956              50             421
         NATURAL GAS                    0               1             600               1              43
         TOTAL (ELEC GEN)            1489           82078           26556              51             464

      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES           1991           16864            3648              14             471
              POINT SOURCES           279            2764             707              19              54
         RESIDUAL OIL
              AREA SOURCES             96            1196             276               0              25
              POINT SOURCES            74            1077             163               2              14
         DISTILLATE OIL
              AREA SOURCES             24             236             266              10              63
              POINT SOURCES             1               1               1               1               1
         NATURAL GAS
              AREA SOURCES             39               7            2678             402             567
              POINT SOURCES            11               3             399               6              54
         WOOD
              POINT SOURCES             4               0               1               0               0
         TOTAL (INDUSTRIAL)
              AREA SOURCES           2150           18303            6868             426            1106
              POINT SOURCES           369            3845            1271              28             123

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
              AREA SOURCES              1               4               1               0               0
         BITUMINOUS COAL
              AREA SOURCES             10              35              12               0               7
              POINT SOURCES           112            2585             409               3             118
         RESIDUAL OIL
              AREA SOURCES              5              61              16               0               0
```

```
*** F07 ***                                                                                              *** F07 ***
SELECT CARD = <      094                                                      60>
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*** F08 ***                                                                                                  *** F08 **
SELECT CARD = <      107                                                  40>
```

```
                                                                                                    *** F09 ***
*** F09 ***
   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES              20            3            3            18            30
      OPEN BURNING
            AREA SOURCES               2            0            1             3            10
      TOTAL (INDUSTRIAL)
            AREA SOURCES              22            3            4            21            40

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES            2406          120          457          4387         13377
            POINT SOURCES              4            0            2             1             1

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       27580          999        21157         26727        285455
         LIGHT DUTY TRUCKS          4770          256         5235          6140         56535
         HEAVY DUTY VEHICLES        1168           99         3173          3799         59873
         OFF HIGHWAY                  94           52         1062          2825         35718
         TOTAL (GASOLINE)          33612         1406        30627         39491        437581

      DIESEL

         HEAVY DUTY VEHICLES        1655          713         6513           895          2756
         OFF HIGHWAY                 151          117         1424           216           431
         RAIL                          7           18          120            27            42
         TOTAL (DIESEL)             1813          848         8057          1138          3229

   AIRCRAFT

      MILITARY                       190           13           96           223           459
      CIVIL                            7            6           38           119          2375
      COMMERCIAL                       5           11          117           104           323
      TOTAL (AIRCRAFT)               202           30          251           446          3157

   VESSELS

      DIESEL FUEL                      3            4           30             8            11
      RESIDUAL OIL                    14          183           30             2             1
      GASOLINE                         0            4           26           566          2013
      TOTAL (VESSELS)                 17          191           86           576          2025

   TOTAL (TRANSPORTATION)          35644         2475        39021         41651        445992

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  239            2           54           269          1963
   STRUCTURAL FIRES                  320            0           30           240          1304
   GASOLINE STA EVAP LOSS              0            0            0          4621             0
   SOLVENT EVAPORATION LOSS            0            0            0         26886             0
   UNPAVED ROADS                   20307            0            0             0             0
   UNPAVED AIRSTRIPS                  22            0            0             0             0
   TOTAL (MISCELLANEOUS)           20888            2           84         32016          3267

GRAND TOTAL
***********

   AREA SOURCES                    67521         9673        45091         94607        512388

   POINT SOURCES                    4317        77660        25423         24998          1448
```

```
*** F10 ***                                                                                                    *** F10 ***
    SOLVENT EVAPORATI
    UNPAVED ROADS    ON LOSS                0               0               0            5245               0
    UNPAVED AIRSTRIPS                  135804               0               0               0               0
    TOTAL (MISCELLANE                       2               0               0               0               0
                     OUS)              139310              27             801           11691           28287
GRAND TOTAL
***********

    AREA SOURCES
                                       166106            3498           28824           65545          323557
    POINT SOURCES
                                        56598           72008           54392            8064           23459
    TOTAL
                                       222704           75506           83216           73609          347016
```

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*** F11 ***                                                                                                      *** F11 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:     MONDAY  NOVEMBER 28, 1983
*************************                                          AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
AQCR:159 CHAMPLAIN VALLEY                                         POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                              PARTICULATES       SOX            NOX              VOC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             6             16              0              6             51
            BITUMINOUS COAL             2              6              0              0              8
            DISTILLATE OIL             93           1361            676             27            186
            NATURAL GAS                 8              1            315             14             62
            WOOD                    12154            128            960          25237          75005
            TOTAL (RESIDENTIAL)     12263           1512           1951          25284          75312

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           183            261            114              5             14
            DISTILLATE OIL              0            169             10              0              0
            NATURAL GAS                 1              9            270              2              5
            OTHER                     244             68            225             66             65
            TOTAL (ELEC GEN)          428            507            619             73             84

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            2             22             11              0              0
            BITUMINOUS COAL
                AREA SOURCES            5             42             10              0              1
                POINT SOURCES         282           1841            330              1            118
            RESIDUAL OIL
                POINT SOURCES        2913          39451           7676            198            697
            DISTILLATE OIL
                AREA SOURCES            4             66             50              1             12
                POINT SOURCES           4            209             17              0              4
            NATURAL GAS
                AREA SOURCES            1              0            231             39             34
                POINT SOURCES           2              0             80              2             20
            COKE
                AREA SOURCES           10             23              7              0              3
            WOOD
                POINT SOURCES         309              8            120             87            222
            TOTAL (INDUSTRIAL)
                AREA SOURCES           22            153            309             40             50
                POINT SOURCES        3510          41509           8223            288           1061

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
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```
*** F12 ***                                                                                                           *** F12 ***
            TOTAL (COMM-INST)
                AREA SOURCES                  32               247               251                 9                63
                POINT SOURCES                407              1321               224                17                40

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                3389               529              8318              9126             21419
                POINT SOURCES              13235            418525             96650               910              3458

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                3389               529              8318              9126             21419
                POINT SOURCES              13235            418525             96650               910              3458

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               503              4014               621              2808             53271
    PRIMARY METAL                       3968              8922                 0                17             89699
    SECONDARY METALS                     300                36                 0                 0                64
    MINERAL PRODUCTS                     554                27                53                25                11
    PETROLEUM INDUSTRY                     3                28                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION            0                 0                 0               213                 0
    TEXTILE MANUFACTURING                  8                 0                 0               200                 0
    TOTAL (INDUSTRIAL)                  5336             13027               674              3263            143045

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             116                 2                 2               328               984
        OPEN BURNING                     630                23               161               851              2695
        TOTAL (RESIDENTIAL)              746                25               163              1179              3679

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              27                 8                13                16                38
        TOTAL (COMM-INST)
                AREA SOURCES              27                 8                13                16                38

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               6                 1                 1                 6                 9
                POINT SOURCES             47                 9                66                17                22
        OPEN BURNING
                AREA SOURCES              10                 0                 5                16                55
        TOTAL (INDUSTRIAL)
                AREA SOURCES              16                 1                 6                22                64
                POINT SOURCES             47                 9                66                17                22

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             789                34               182              1217              3781
                POINT SOURCES             47                 9                66                17                22

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         3322               189              4144              4132             38224
            LIGHT DUTY TRUCKS           1218                97              1987              1895             15254
            HEAVY DUTY VEHICLES          495                55              1891              1684             27129
    FOREST MANAGED BURNING                 880              4            174            627           4929
    STRUCTURAL FIRES                       548              0             49            407           2221
    GASOLINE STA EVAP LOSS                   0              0              0           8435              0
    SOLVENT EVAPORATION LOSS                 0              0              0          24589              0
    UNPAVED ROADS                       141896              0              0              0              0
    TOTAL (MISCELLANEOUS)               144796             11            568          35723          19277

GRAND TOTAL
***********

    AREA SOURCES                        207379          22075         107118         132719         698416

    POINT SOURCES                        61263         364332         157387          87739          59901

    TOTAL                               268642         386407         264505         220458         758317
```

```
            POINT SOURCES             34          18          60          10         288
      OPEN BURNING
            AREA SOURCES               3           0           1           5          13
      TOTAL (COMM-INST)
            AREA SOURCES             674         211         317         393         930
            POINT SOURCES             34          18          60          10         288

    INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES              19           4           4          19          28
            POINT SOURCES             11           4           5           5          16
      OPEN BURNING
            AREA SOURCES               6           0           3           9          30
      TOTAL (INDUSTRIAL)
            AREA SOURCES              25           4           7          28          58
            POINT SOURCES             11           4           5           5          16

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES            1640         247         534        1888        5576
            POINT SOURCES            657         537         705         196        5164

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       70712        2089       42899       61773      669623
         LIGHT DUTY TRUCKS          8579         354        6842        9396       89884
         HEAVY DUTY VEHICLES        2652         179        5291        8144      126758
         OFF HIGHWAY                 132          73        1470        3906       49388
         TOTAL (GASOLINE)          82075        2695       56502       83219      935653

      DIESEL

         HEAVY DUTY VEHICLES        4598        1733       16024        2519        7844
         OFF HIGHWAY                 278         218        2630         402         794
         RAIL                        342         777        5042        1225        1772
         TOTAL (DIESEL)             5218        2728       23696        4146       10410

    AIRCRAFT

      MILITARY                      1161          76         595        1365        2819
      CIVIL                           12           7          57         176        3507
      COMMERCIAL                      69         159        1646        1460        4535
      TOTAL (AIRCRAFT)              1242         242        2298        3001       10861

    VESSELS

      DIESEL FUEL                      9          12          87          22          31
```

TOTAL (AIRCRAFT) 1242 242 2298 3001 10861

```
ESSELS

  DIESEL FUEL               9          12          87          22          31
  GASOLINE                  0           5          24         542        1931
  TOTAL (VESSELS)           9          17         111         564        1962

OTAL (TRANSPORTATION)   88544        5682       82607       90930      958886

LLANEOUS (AREA)
***************

OREST WILDFIRES           161           2          38         181        1320
OREST MANAGED BURNING       1           0           0           1           4
TRUCTURAL FIRES           441           0          40         330        1796
ASOLINE STA EVAP LOSS       0           0           0       12668           0
OLVENT EVAPORATION LOSS     0           0           0       29557           0
NPAVED ROADS            22439           0           0           0           0
```

```
*** G02 ***                                                                                                              *** G02 ***

SELECT CARD = <      058                                                                      40>
STATE 11 COUNTY 0620 NOT FOUND IN POINT FILE
STATE 11 COUNTY 0820 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4840 NOT FOUND IN POINT FILE
```

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*** G03 ***                                                                                              *** G03 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

AQCR EMISSIONS REPORT
*****************************                                               RUN DATE:   MONDAY  NOVEMBER 28, 1983
AQCR:067 METROPOLITAN CHICAGO                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
                                                             POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                             PARTICULATES        SOX              NOX              VOC              CO
                             ************   *************    *************    ************     ************
                              TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              1              3                0                1               12
         BITUMINOUS COAL            115            545               22               77              689
         DISTILLATE OIL              95           1102              688               28              193
         NATURAL GAS        -       512            102            17099              905             3419
         WOOD                      1591             19              125             3302             9814
         TOTAL (RESIDENTIAL)       2314           1771            17934             4313            14127

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          11794         135198           167453              763             3854
         RESIDUAL OIL              1384          20398            12580              212             1181
         DISTILLATE OIL               3            205              136                1               28
         NATURAL GAS                108            206             3375               18              188
         TOTAL (ELEC GEN)         13289         156007           183544              994             5251

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           3700          30111             6512               23              841
            POINT SOURCES          1627          13260             8911               78             1023
         RESIDUAL OIL
            AREA SOURCES             21            256               59                0                5
            POINT SOURCES          2103          23896             9274               96              735
         DISTILLATE OIL
            AREA SOURCES              6             61               69                2               16
            POINT SOURCES           349           8286             2307               59              349
         NATURAL GAS
            AREA SOURCES            104             20         [illegible]      [illegible]      [illegible]
            POINT SOURCES           359           1098         [illegible]      [illegible]      [illegible]
         PROCESS GAS
            POINT SOURCES          1157          21509            10357              124             4498
         COKE
            POINT SOURCES             0            116               63                1                3
         WOOD
            POINT SOURCES             1              0                0                0                0
         LIQUID PETROL GAS
            POINT SOURCES             0              0                1                0                0
         OTHER
            POINT SOURCES             9             75               44                1               10
         TOTAL (INDUSTRIAL)
            AREA SOURCES           3831          30448            16252             1594             1989
            POINT SOURCES          5605          68240            43994              544             8027
```

```
*** G04 ***                                                                                          *** G04 ***
            AREA SOURCES              8          31          10           0           0
         BITUMINOUS COAL
            AREA SOURCES            178         983         123          11          72
            POINT SOURCES           254        1055         136           5          28
         RESIDUAL OIL
            AREA SOURCES             41         512         118          18          10
            POINT SOURCES             9         109          46           1           4
         DISTILLATE OIL
            AREA SOURCES             34         505         350          56          87
            POINT SOURCES             0           4           4           0           1
         NATURAL GAS
            AREA SOURCES             47           9        1592         113         318
            POINT SOURCES            10           0         317           4          26
         TOTAL (COMM-INST)
            AREA SOURCES            308        2040        2193         198         487
            POINT SOURCES           273        1168         503          10          59

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           6213       18724       10782        7059       25606
            POINT SOURCES         14730      710064      291899        1063        6903

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL              27          25         403          27          86
         TOTAL (ELEC GEN)            27          25         403          27          86

      INDUSTRIAL FUEL

         NATURAL GAS                  7          45        1240          43         189
         TOTAL (INDUSTRIAL)           7          45        1240          43         189

      TOTAL (INTERNAL COMB)          34          70        1643          70         275

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES           6213       18724       10782        7059       25606
            POINT SOURCES         14764      710134      293542        1133        7178
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING          4141        7480          25         510           0
   FOOD/AGRICULTURAL               1063         311           0           2           0
   PRIMARY METAL                   5544       37297        3879        1987      167732
   SECONDARY METALS                1476         607          84           4         922
   MINERAL PRODUCTS               37916        2405        2054          47           6
   PETROLEUM INDUSTRY              1304       22645        5789        9023         363
   WOOD PRODUCTS                     19           6
   METAL FABRICATION
   OTHER/NOT CLASSIFIED             358        2820          28           5           4
   TOTAL (INDUSTRIAL)             52179       73565       11898       76447      169028

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION        498         539         428         324        7532
      TOTAL (GOVERNMENT)            498         539         428         324        7532

   RESIDENTIAL (AREA)
```

```
*** G05 ***
              AREA SOURCES                    6              86               19
          DISTILLATE OIL
              AREA SOURCES                    3              75               52
              POINT SOURCES                   1               7                1
          NATURAL GAS
              AREA SOURCES                    6               1              237
              POINT SOURCES                   0               0                4
          WOOD
              POINT SOURCES                   3               1                3
          TOTAL (COMM-INST)
              AREA SOURCES                   82             478              372
              POINT SOURCES                  12             705               91

       TOTAL (EXTERNAL COMB)
              AREA SOURCES                 2963           10381             4271
              POINT SOURCES               19256          728497           174089

   INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          NATURAL GAS                         9               0             3698
          TOTAL (INDUSTRIAL)                  9               0             3698

       TOTAL (INTERNAL COMB)                  9               0             3698

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 2963           10381             4271
              POINT SOURCES               19265          728497           177787
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   352             110              167
   FOOD/AGRICULTURAL                       1389               0                0
   PRIMARY METAL                           1526            8422                0
   SECONDARY METALS                         489               0                1
   MINERAL PRODUCTS                        9181              18               28
   PETROLEUM INDUSTRY                        21             948              141
   WOOD PRODUCTS                           1416             651              254
   ORGANIC SOLVENT EVAPORATION              171               0                0       6
   PETROLEUM STORAGE/TRANSPORT                0               0                0       2
   TOTAL (INDUSTRIAL)                     14545           10149              591      11
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)
    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES                   68              20               33
              POINT SOURCES                   4               2                1
       OPEN BURNING
              AREA SOURCES                    1               0                0
       TOTAL (COMM-INST)
              AREA SOURCES                   69              20               33
              POINT SOURCES                   4               2                1

    INDUSTRIAL
```

```
                                   *** G05 ***
       0                1

       0               12
       1                0

      11               49
       0                1

       2                2

      12               94
       5               58

    3541            11258
     551             5848




      90              493
      90              493

      90              493


    3541            11258
     641             6341



     736               16
     467                0
       0            97851
       0               74
      32               51
     278            12344
       4             4961
    6547                0
    2985                0
   11049           115297



   5  1955              6018

       2

      40
       3    38                 96
             3                  5

             2                  4

            40                100
```

```
*** G06 ***
                   POINT SOURCES              1              20              4              0              0
           DISTILLATE OIL
                   AREA SOURCES              10             135             96              0             23
                   POINT SOURCES              0               4              1              0              0
           NATURAL GAS
                   AREA SOURCES              19               3            598             31            119
                   POINT SOURCES              0               0             20              0              2
           TOTAL (COMM-INST)
                   AREA SOURCES              45             238            723             31            149
                   POINT SOURCES            113            2609            434              3            120

       TOTAL (EXTERNAL COMB)
                   AREA SOURCES            4829           19126           9724           5817          17330
                   POINT SOURCES           1971           88532          28261             82            707

    TOTAL (FUEL COMBUSTION)

                   AREA SOURCES            4829           19126           9724           5817          17330
                   POINT SOURCES           1971           88532          28261             82            707

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   58               0              0            169              0
    FOOD/AGRICULTURAL                       482               0              0              0              0
    SECONDARY METALS                        574             164             28             45          12853
    MINERAL PRODUCTS                        149              50             23             59             25
    WOOD PRODUCTS                             3               1              1             10              1
    ORGANIC SOLVENT EVAPORATION              33               0              0          11839              0
    PETROLEUM STORAGE/TRANSPORT               0               0              0            219              0
    METAL FABRICATION                         7               0              0              0              0
    TEXTILE MANUFACTURING                     1               0              0              0              0
    OTHER/NOT CLASSIFIED                      0              28              0              0              0
    TOTAL (INDUSTRIAL)                     1307             243             52          12341          12879

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                601               8             20           1694           5083
        OPEN BURNING                       1154              42            296           1555           4935
        TOTAL (RESIDENTIAL)                1755              50            316           3249          10018

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                   AREA SOURCES             141              43             66             81            191
                   POINT SOURCES              3               1              1             40            120
        OPEN BURNING
                   [illegible]      [illegible]     [illegible]    [illegible]    [illegible]             21
                   POINT SOURCES              3               1              1             40            120

    INDUSTRIAL

        ON SITE INCINERATION
                   AREA SOURCES              36               6              6             34             51
        OPEN BURNING
                   AREA SOURCES              25               0              9             43            150
        TOTAL (INDUSTRIAL)
                   AREA SOURCES              61               6             15             77            201

    TOTAL (SOLID WASTE DISP)
                   AREA SOURCES            1962              99            398           3416          10431
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                       *********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                           RUN DATE:   MONDAY  NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
***************************                                   POINT EMISSIONS AS OF:   MONDAY      JULY 11, 1983
AQCR:094 METROPOLITAN KANSAS CITY

                             PARTICULATES        SOX            NOX            VOC            CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             1              5              0             12              5
            DISTILLATE OIL              3             48             29              9              8
            NATURAL GAS                81             14           2716            279            543
            WOOD                      473              4             38            684           2919
            TOTAL (RESIDENTIAL)       558             71           2783            984           3475

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         20275         193611          77518            373           3547
            RESIDUAL OIL               11            500            235              3              8
            DISTILLATE OIL             11             18            163              3             10
            NATURAL GAS               189            749           8871             77            374
            TOTAL (ELEC GEN)        20486         194878          86787            456           3939

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         1652          13304           2727            104            350
                POINT SOURCES           6             32             11              0              0
            RESIDUAL OIL
                AREA SOURCES          114           1623            329              9             30
                POINT SOURCES         341           3543           1009              6             88
            DISTILLATE OIL
                AREA SOURCES           36            358            405             24             96
                POINT SOURCES           2            195             19              0              1
            NATURAL GAS
                AREA SOURCES           99             20          34850          12513           4580
                POINT SOURCES         104             15           3487             85            434
            PROCESS GAS       [illegible]    [illegible]    [illegible]    [illegible]    [illegible]
            WOOD
                POINT SOURCES          24              1              0              2              1
            LIQUID PETROL GAS
                POINT SOURCES           2              3             13              0              3
            OTHER
                POINT SOURCES          44              7            786             42            158
            TOTAL (INDUSTRIAL)
                AREA SOURCES         1901          15105          38311          12650           5056
                POINT SOURCES         538           5636           5538            139            738

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
```

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                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                          RUN DATE:     MONDAY   NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
***************************                                   POINT EMISSIONS AS OF:    MONDAY        JULY 11, 1983
AQCR:107 ANDROSCOGGIN VALLEY

                               PARTICULATES          SOX              NOX              VOC              CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             0                7                0                0               22
            DISTILLATE OIL            111             1282              801               31              223
            NATURAL GAS                 0                0               46                1               10
            WOOD                     6456               67              509            13400            39831
            TOTAL (RESIDENTIAL)      6567             1356             1356            13432            40086

        ELEC GENERATION (POINT)

            RESIDUAL OIL               24             1160              215                2               16
            DISTILLATE OIL              0                6                3                0                1
            TOTAL (ELEC GEN)           24             1166              218                2               17

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            0                7                3                0                0
            BITUMINOUS COAL
                AREA SOURCES          160             1751              436                2               56
            RESIDUAL OIL
                AREA SOURCES            7               83               19                0                2
                POINT SOURCES        2639            38257             7094               46              524
            DISTILLATE OIL
                AREA SOURCES            6               68               77                2               18
                POINT SOURCES           2               76               12                0                4
            NATURAL GAS
                AREA SOURCES            0                0               26                0                5
            COKE
                AREA SOURCES            1                5                1                0                0
            WOOD
                POINT SOURCES        1208              250              974              907             1770
            TOTAL (INDUSTRIAL)
                AREA SOURCES          174             1914              562                4               81
                POINT SOURCES        3849            38583             8080              953             2298

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           42              146               52                0                2
            RESIDUAL OIL
                AREA SOURCES            4               55               13                0                1
                POINT SOURCES         115             1614              249                5               23
```

TOTAL	71838	87333	70514	119605	513836

```
*** 610 ***                                                                                    *** 610 ***
SELECT CARD = <      30                                              40>
```

```
*** 611 ***                                                                                                   *** 611 ***
          AREA SOURCES              46          156           56            0            3
      BITUMINOUS COAL
          AREA SOURCES               9           50            7            0            4
          POINT SOURCES            147          191           34            0           12
      RESIDUAL OIL
          AREA SOURCES              24          358           73            1            7
          POINT SOURCES            707         9534         1623           33          147
      DISTILLATE OIL
          AREA SOURCES              10          237          110            1           28
          POINT SOURCES             27         1371          100            0           25
      NATURAL GAS
          AREA SOURCES               6            0          206           11           41
      TOTAL (COMM-INST)
          AREA SOURCES              95          801          452           13           83
          POINT SOURCES            881        11096         1757           33          184

    TOTAL (EXTERNAL COMB)
          AREA SOURCES           12380         2466         2712        25337        75445
          POINT SOURCES           4819        53112        10599          394         1329

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES           12380         2466         2712        25337        75445
          POINT SOURCES           4819        53112        10599          394         1329

INDUSTRIAL PROCESS (POINT)
**************************

  PRIMARY METAL                    216            0            0            0            0
  MINERAL PRODUCTS                   4            0            0            0            0
  ORGANIC SOLVENT EVAPORATION        0            0            0         1677            0
  PETROLEUM STORAGE/TRANSPORT        0            0            0          195            0
  OTHER/NOT CLASSIFIED             854          360            0          158            0
  TOTAL (INDUSTRIAL)              1074          360            0         2030            0

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION        15            0            0            0            0
      TOTAL (GOVERNMENT)            15            0            0            0            0

  RESIDENTIAL (AREA)

      ON SITE INCINERATION         184            2            5          517         1552
      OPEN BURNING                 860           31          221         1161         3680
      TOTAL (RESIDENTIAL)         1044           33          226         1678         5232

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
          AREA SOURCES              82           25           38           49          109
          POINT SOURCES            393            6            6           13           29
  TOTAL (COMM-INST)
          AREA SOURCES              82           25           38           49          109
          POINT SOURCES            393            6            6           13           29

INDUSTRIAL

  ON SITE INCINERATION
          AREA SOURCES               9            0            0            9           18
  OPEN BURNING
          AREA SOURCES              10            0            5           15           50
  TOTAL (INDUSTRIAL)
          AREA SOURCES              19            0            5           24           68
          OFF HIGHWAY                    17           9         192         508        6417
          TOTAL (GASOLINE)             5052         350        8214        8219       87024

      DIESEL

          HEAVY DUTY VEHICLES           533         272        2449         281         851
          OFF HIGHWAY                   101          80         961         146         289
          RAIL                          118         266        1730         419         608
          TOTAL (DIESEL)                752         618        5140         846        1748

    AIRCRAFT

      MILITARY                           49           3          25          58         119
      CIVIL                               1           1          10          31         627
      COMMERCIAL                          3           6          65          58         179
      TOTAL (AIRCRAFT)                   53          10         100         147         925

    VESSELS

      DIESEL FUEL                        32          41         300          77         103
      GASOLINE                            0           2          17         357        1273
      TOTAL (VESSELS)                    32          43         317         434        1376

    TOTAL (TRANSPORTATION)             5889        1021       13771        9646       91073

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    605           6         143         682        4976
    STRUCTURAL FIRES                     86           0           8          63         345
    GASOLINE STA EVAP LOSS                0           0           0        1346           0
    SOLVENT EVAPORATION LOSS              0           0           0        3278           0
    UNPAVED ROADS                     61214           0           0           0           0
    UNPAVED AIRSTRIPS                     2           0           0           0           0
    TOTAL (MISCELLANEOUS)             61907           6         151        5369        5319

GRAND TOTAL
***********

    AREA SOURCES                      71976        1588       22422       25358      121592

    POINT SOURCES                     18618      431561       97390        4190      146525

    TOTAL                             90592      433149      119812       29548      268117
```

H01 ***

TOTAL (MISCELLANEOUS)	23042	2	78	42737	3120

D TOTAL
****

AREA SOURCES	117722	9812	91467	144078	992844
POINT SOURCES	39148	136042	57227	3965	9067
TOTAL	156870	145854	148694	148043	1001911

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

AQCR EMISSIONS REPORT                                                            RUN DATE:   MONDAY    NOVEMBER 28, 1983
*************************                                             AREA EMISSIONS AS OF:  TUESDAY   NOVEMBER 22, 1983
AQCR:058 SAVANNAH-BEAUFORT                                           POINT EMISSIONS AS OF:  MONDAY        JULY 11, 1983

                           PARTICULATES        SOX             NOX             VOC              CO
                           ************    ************    ************    ************    ************
                            TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               8              34               1               5              44
         DISTILLATE OIL                3              37              24               0               5
         NATURAL GAS                   9               1             326              18              66
         WOOD                       1740              17             138            3614           10740
         TOTAL (RESIDENTIAL)        1760              89             489            3637           10855

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             744           45860           25959              58             504
         RESIDUAL OIL                 94            3559             574               6              43
         DISTILLATE OIL                0               5               4               0               1
         NATURAL GAS                   1               0             495               1              36
         OTHER                      2976              42             717             399             917
         TOTAL (ELEC GEN)           3815           49466           27749             464            1501

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             102             775             128               0              17
         RESIDUAL OIL
            POINT SOURCES           1519           13443            1932              22             171
         DISTILLATE OIL
            POINT SOURCES              6              27              28               1               4
         NATURAL GAS
            AREA SOURCES               6               1             771             168              89
            POINT SOURCES             33              33            3483              20             316
         WOOD
            POINT SOURCES            158              16              57              65             152
         TOTAL (INDUSTRIAL)
            AREA SOURCES             108             776             899             168             106
            POINT SOURCES           1716           13519            5500             108             643

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               3               9               3               0               0
         BITUMINOUS COAL
            AREA SOURCES               5              21               5               0               3
         RESIDUAL OIL
            POINT SOURCES             60             678             140               7               8
         DISTILLATE OIL
            AREA SOURCES               2              53              35               0               8
```

```
*** H03 ***                                                                                                              *** H03 ***
        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                185               612               219                 1                13
            BITUMINOUS COAL
                AREA SOURCES                452              2388               348                15               205
            RESIDUAL OIL
                AREA SOURCES                  4                44                11                 0                 1
                POINT SOURCES               168              2203              1033                14                73
            DISTILLATE OIL
                AREA SOURCES                125              1800              1251                19               312
                POINT SOURCES                 9                87                58                 0                10
            NATURAL GAS
                AREA SOURCES                 54                10              1808                96               361
                POINT SOURCES                73                 9              8720                49               672
            TOTAL (COMM-INST)
                AREA SOURCES                820              4854              3637               131               892
                POINT SOURCES               250              2299              9811                63               755

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               6965             37073             37823              6038             17008
                POINT SOURCES             19144            226546            237349              1601             14033

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   46              1509              1536                64               194
            NATURAL GAS                      36               123              1969               120               402
            TOTAL (ELEC GEN)                 82              1632              3505               184               596

        INDUSTRIAL FUEL

            NATURAL GAS                      14                 1              5534               885               690
            TOTAL (INDUSTRIAL)               14                 1              5534               885               690

        TOTAL (INTERNAL COMB)                96              1633              9039              1069              1286

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               6965             37073             37823              6038             17008
                POINT SOURCES             19240            228179            246388              2670             15319

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 6095              8592              1851              7881             36455
    FOOD/AGRICULTURAL                      6628                 7                 1               673                 3
    PRIMARY METAL                         36386             29395              4477             14818            198211
    SECONDARY METALS                       3204              2959              1835                79              2040
    MINERAL PRODUCTS                      31911              7741              4459               518              2739
    PETROLEUM INDUSTRY                     3254             40289              9642              1962              4459
    WOOD PRODUCTS                          1056                 0                 0                23                 0
    ORGANIC SOLVENT EVAPORATION             580                81               737             82858               866
    PETROLEUM STORAGE/TRANSPORT            1233                 0                13             21254                 0
    METAL FABRICATION                       329                 0                10               644                 0
    OTHER/NOT CLASSIFIED                    465              5101              1120               203                53
    TOTAL (INDUSTRIAL)                    91141             94165             24145            130913            244826
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               58                27                23               148               235
        ON SITE INCINERATION            1103        17        35      3100      9295
        OPEN BURNING                    1819        69       464      2454      7782
        TOTAL (RESIDENTIAL)             2922        86       499      5554     17077

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             107        34        51        62       146
                POINT SOURCES            370       608       122       131       413
        OPEN BURNING
                AREA SOURCES               2         0         0         4         8
        TOTAL (COMM-INST)
                AREA SOURCES             109        34        51        66       154
                POINT SOURCES            370       608       122       131       413

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             108        22        22        98       146
                POINT SOURCES              2         3         4         4        13
        OPEN BURNING
                AREA SOURCES               4         0         2         7        25
        TOTAL (INDUSTRIAL)
                AREA SOURCES             112        22        24       105       171
                POINT SOURCES              2         3         4         4        13

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            3143       142       574      5725     17402
                POINT SOURCES            870      1150       554       459      7958

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        57389      1839     39110     54097    580658
            LIGHT DUTY TRUCKS          10876       509     10323     13635    126700
            HEAVY DUTY VEHICLES         2011       150      4572      6341     99070
            OFF HIGHWAY                  142        74      1570      4178     52822
            TOTAL (GASOLINE)           70418      2572     55575     78251    859250

        DIESEL

            HEAVY DUTY VEHICLES         7826      3036     27988      4276     13285
            OFF HIGHWAY                  584       457      5488       836      1658
            RAIL                         416       945      6127      1490      2152
            TOTAL (DIESEL)              8826      4438     39603      6602     17095

    AIRCRAFT

        MILITARY                         297        19       152       349       718
        CIVIL                             19         9        85       265      5287
        COMMERCIAL                        56       131      1356      1203      3733
        TOTAL (AIRCRAFT)                 372       159      1593      1817      9738

    VESSELS

        DIESEL FUEL                       97       123       902       226       316
        GASOLINE                           0        18       101      2248      8011
        TOTAL (VESSELS)                   97       141      1003      2474      8327

    TOTAL (TRANSPORTATION)             79713      7310     97774     89144    894410

MISCELLANEOUS (AREA)
```

```
*** H05 ***
      ON SITE INCINERATION
              AREA SOURCES                 27           3           3          25
              POINT SOURCES                 0           2           8           1
      OPEN BURNING
              AREA SOURCES                 22           0          10          36
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 49           3          13          61
              POINT SOURCES                 0           2           8           1

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               1268          60         283        2036
              POINT SOURCES                 4           4           9           4

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES            8491         372        8256         971
          LIGHT DUTY TRUCKS              2993         189        3889         424
          HEAVY DUTY VEHICLES             804          78        2534         263
          OFF HIGHWAY                      32          17         359          95
          TOTAL (GASOLINE)              12320         656       15038        1754

      DIESEL

          HEAVY DUTY VEHICLES            2560        1176       10662         137
          OFF HIGHWAY                     246         192        2311          35
          RAIL                            207         472        3067          74
          TOTAL (DIESEL)                 3013        1840       16040         247

   AIRCRAFT

        MILITARY                           10           0           5           1
        CIVIL                               2           2          19           5
        COMMERCIAL                          5          10         112           9
        TOTAL (AIRCRAFT)                   17          12         136          16

   VESSELS

        DIESEL FUEL                       275         343        2562          64
        GASOLINE                            0          16          88         195
        TOTAL (VESSELS)                   275         359        2650         259

   TOTAL (TRANSPORTATION)               15625        2867       33864        2278

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      612           4         145          69
    STRUCTURAL FIRES                      146           0          14          11
    GASOLINE STA EVAP LOSS                  0           0           0         236
    SOLVENT EVAPORATION LOSS                0           0           0         937
    UNPAVED ROADS                       16744           0           0
    UNPAVED AIRSTRIPS                       2           0           0
    TOTAL (MISCELLANEOUS)               17504           4         159        1253

GRAND TOTAL
***********

    AREA SOURCES                        37360       13312       38577        4089

    POINT SOURCES                       33814      738650      178387        1169
```

```
                         *** H05 ***

   25          42
    1           9

   36         125

   61         167
    1           9

 2036        6285
    4          14

 9715       95947
 4241       36409
 2638       42012
  954       12057
 7548      186425

 1375        4209
  351         700
  745        1078
 2471        5987

   12          24
   58        1134
   99         309
  169        1467

  642         896
 1956        6969
 2598        7865

 2786      201744

  693        5058
  110         591
 2360           0
  372           0
    0           0
    0           0
  535        5649

  898      224936
```

```
                POINT SOURCES                  3           1           1          40         120

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            13577         611       13407       14999      149704
            LIGHT DUTY TRUCKS               4003         258        5469        5947       51062
            HEAVY DUTY VEHICLES              854          79        2590        2800       44459
            OFF HIGHWAY                       71          39         811        2155       27256
            TOTAL (GASOLINE)               18505         987       22277       25901      272481

        DIESEL

            HEAVY DUTY VEHICLES             2943        1338       12134        1582        4851
            OFF HIGHWAY                      363         283        3406         519        1030
            RAIL                             219         496        3224         783        1131
            TOTAL (DIESEL)                  3525        2117       18764        2884        7012

    AIRCRAFT

        MILITARY                               1           0           0           1           2
        CIVIL                                  9           3          32         100        2019
        COMMERCIAL                             7          15         153         136         423
        TOTAL (AIRCRAFT)                      17          18         185         237        2444

    VESSELS

        DIESEL FUEL                            0           0           2           0           0
        GASOLINE                               0          24         137        2992       10669
        TOTAL (VESSELS)                        0          24         139        2992       10669

    TOTAL (TRANSPORTATION)             22047        3146       41365       32014      292606

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     176           0          17         131         717
    GASOLINE STA EVAP LOSS                 0           0           0        3828           0
    SOLVENT EVAPORATION LOSS               0           0           0       22707           0
    UNPAVED ROADS                      26421           0           0           0           0
    TOTAL (MISCELLANEOUS)              26597           0          17       26666         717

GRAND TOTAL
***********

    AREA SOURCES                       55435       22371       51504       67913      321084

    POINT SOURCES                       3281       88776       28314       12463       13706

    TOTAL                              58716      111147       79818       80376      334790
```

```
            AREA SOURCES                    95           526            65             1            40
        RESIDUAL OIL
            AREA SOURCES                    24           300            69            10             6
            POINT SOURCES                    1             2             1             1             1
        DISTILLATE OIL
            AREA SOURCES                    20           306           214            37            55
        NATURAL GAS
            AREA SOURCES                    41             8          1398           112           279
        TOTAL (COMM-INST)
            AREA SOURCES                   180          1140          1746           160           380
            POINT SOURCES                    1             2             1             1             1

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                  2639         16316         42840         13794          8911
            POINT SOURCES                21025        200516         92326           596          4678

INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                       4            25            66             3            14
        NATURAL GAS                          1             1            19             6             4
        TOTAL (ELEC GEN)                     5            26            85             9            18

    INDUSTRIAL FUEL

        NATURAL GAS                          0             0           215            88            28
        TOTAL (INDUSTRIAL)                   0             0           215            88            28

    TOTAL (INTERNAL COMB)                    5            26           300            97            46

TOTAL (FUEL COMBUSTION)

            AREA SOURCES                  2639         16316         42840         13794          8911
            POINT SOURCES                21030        200542         92626           693          4724

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 119          2044             5            33             1
    FOOD/AGRICULTURAL                     6768             1             5            11             1
    SECONDARY METALS                        63             9             8             8           392
    MINERAL PRODUCTS                     11281         16958          5042          1876           465
    PETROLEUM INDUSTRY                     933         19137          4946          2403           740
    WOOD PRODUCTS                            2             0             0             0             0
    ORGANIC SOLVENT EVAPORATION             46             0            15         51239             2
    PETROLEUM STORAGE/TRANSPORT              0             0             0          5616             0
    METAL FABRICATION                      100             0             0            40             0
    OTHER/NOT CLASSIFIED                    29          4177             7             2             2
    TOTAL (INDUSTRIAL)                   19341         42326         10028         61228          1603

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             249            21            25            12           290
        OTHER INCINERATION                  12             3            18             3             0
        TOTAL (GOVERNMENT)                 261            24            43            15           290

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              2993            47            92          8417         25256
        OPEN BURNING                      3400           126           871          4590         14556
        TOTAL (RESIDENTIAL)               6393           173           963         13007         39812
```

```
          DISTILLATE OIL
              AREA SOURCES                  22          334          231            2           59
              POINT SOURCES                  2           65           11            0            2
          NATURAL GAS
              AREA SOURCES                   0            0           24            0            3
          WOOD
              POINT SOURCES                  1            0            0            1            1
          TOTAL (COMM-INST)
              AREA SOURCES                  68          535          320            2           65
              POINT SOURCES                118         1679          260            6           26

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                6809         3805         2238        13438        40232
              POINT SOURCES               3991        41428         8558          961         2341

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          OTHER                              4           51           60            5           14
          TOTAL (ELEC GEN)                   4           51           60            5           14

      TOTAL (INTERNAL COMB)                  4           51           60            5           14

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                6809         3805         2238        13438        40232
              POINT SOURCES               3995        41479         8618          966         2355

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  91            0            0           13            0
    FOOD/AGRICULTURAL                        0            0            0            0            1
    SECONDARY METALS                         5            0            0            0            0
    MINERAL PRODUCTS                      3389         2189          573           26           13
    WOOD PRODUCTS                         2463         3469         1299           13        28203
    ORGANIC SOLVENT EVAPORATION              0            0            0         2442            0
    PETROLEUM STORAGE/TRANSPORT              0            0            0          444            0
    TEXTILE MANUFACTURING                    3            0            0           24            0
    OTHER/NOT CLASSIFIED                     0         1663            0          729            0
    TOTAL (INDUSTRIAL)                    5951         7321         1872         3691        28217

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                         4            0            2            8           22
        TOTAL (GOVERNMENT)                   4            0            2            8           22

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               236            2            8          668         2004
        OPEN BURNING                       768           28          197         1035         3286
        TOTAL (RESIDENTIAL)               1004           30          205         1703         5290

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                  61           19           31           36           86
        TOTAL (COMM-INST)
              AREA SOURCES                  61           19           31           36           86

    INDUSTRIAL
```

```
SELECT CARD = <      124                                                          40>
```

```
*** H10 ***                                                                                              *** H10 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                          RUN DATE:   MONDAY   NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
**************************                                     POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983
AQCR:130 METROPOLITAN ARGO-MOORHEAD

                          PARTICULATES        SOX            NOX            VOC             CO
                          ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTI

      RESIDENTIAL F (AREA)

         BITUMINOU OAL             2              3              0              1             10
         DISTILLAT OIL            14            161            101              4             28
         NATURAL G                 3              0            103              6             20
         WOOD                     61              1              5            126            375
         TOTAL (RE ENTIAL)        80            165            209            137            433

      ELEC GENERATI (POINT)

         LIGNITE                  12            282             43              1             36
         TOTAL (EL GEN)           12            282             43              1             36

      INDUSTRIAL FU

         BITUMINOU OAL
            AREA  URCES          430           1049            521              2             67
         LIGNITE
            POINT OURCES        1022           1279            371              4            309
         RESIDUAL
            AREA  URCES           20            243             56              0              5
            POINT OURCES          50            656            107              1             10
         DISTILLAT OIL
            AREA  URCES           10            103            117              4             27
         NATURAL G
            AREA  URCES            2              0           1757            698            238
            POINT OURCES           2              0             96              2             24
         TOTAL (IN STRIAL)
            AREA  URCES          462           1395           2451            706            337
            POINT OURCES        1074           1935            574              7            343

      COMM-INSTITUTI NAL FUEL

         BITUMINOU OAL
            AREA  URCES          137            218             73              3             43
         LIGNITE
            POINT OURCES        1057            373             93              1             78
         RESIDUAL
            AREA  URCES            4             50             12              0              1
            POINT OURCES          11            143             21              0              2
         DISTILLATE OIL
            AREA  URCES            5             81             56              1             14
         NATURAL G
            AREA  URCES            4              1            126              6             25
         TOTAL (CO -INST)
   TOTAL (SOLID WASTE DISP)
            AREA SOURCES              1145         58        269       1751       5409
            POINT SOURCES              408          6          6         13         29

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          8611        441       9500       9829      95335
         LIGHT DUTY TRUCKS            2506        178       3730       3856      32433
         HEAVY DUTY VEHICLES           436         45       1495       1485      23673
         OFF HIGHWAY                    45         25        512       1359      17212
         TOTAL (GASOLINE)            11598        689      15237      16529     168653

      DIESEL

         HEAVY DUTY VEHICLES          1016        497       4472        541       1641
         OFF HIGHWAY                   211        164       1984        302        600
         RAIL                           19         41        264         62         93
         TOTAL (DIESEL)               1244        702       6720        905       2334

   AIRCRAFT

      MILITARY                         434         28        222        510       1053
      CIVIL                              2          1         21         67       1332
      COMMERCIAL                         5         11        111         99        307
      TOTAL (AIRCRAFT)                 441         40        354        676       2692

   VESSELS

      DIESEL FUEL                        5          6         43         11         15
      GASOLINE                           0         36        189       4133      14733
      TOTAL (VESSELS)                    5         40        232       4144      14748

   TOTAL (TRANSPORTATION)            13288       1471      22543      22254     188427

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    159          0         38        181       1317
   AGRICULTURAL BURNING                  2          0          0          2         12
   STRUCTURAL FIRES                    172          0         15        130        704
   GASOLINE STA EVAP LOSS                0          0          0       2313          0
   SOLVENT EVAPORATION LOSS              0          0          0       8727          0
   UNPAVED ROADS                     33149          0          0          0          0
   UNPAVED AIRSTRIPS                     6          0          0          0          0
   TOTAL (MISCELLANEOUS)             33488          0         53      11353       2033

GRAND TOTAL
***********

   AREA SOURCES                      60301       3995      25577      60695     271314

   POINT SOURCES                      6301      53478      10605       2437       1358

   TOTAL                             66602      57473      36182      63132     272672
```

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SELECT CARD = <      181                                                        40>
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  CCER 00:11:27.099 CAU  00:23:31.507 MEMY 56:53:59.760-0038K
 DCONT 00:00:00.000 SRUS 05:01:08.350


@PMD,HELP


@BRKPT  PRINT$
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TATE 10 COUNTY 0760 NOT FOUND IN POINT FILE
TATE 10 COUNTY 1220 NOT FOUND IN POINT FILE
TATE 10 COUNTY 1360 NOT FOUND IN POINT FILE
TATE 10 COUNTY 1500 NOT FOUND IN POINT FILE
TATE 10 COUNTY 2000 NOT FOUND IN POINT FILE
TATE 10 COUNTY 2080 NOT FOUND IN POINT FILE
TATE 10 COUNTY 2500 NOT FOUND IN POINT FILE
TATE 10 COUNTY 3940 NOT FOUND IN POINT FILE
TATE 11 COUNTY 0120 NOT FOUND IN POINT FILE
TATE 11 COUNTY 0240 NOT FOUND IN POINT FILE
TATE 11 COUNTY 0540 NOT FOUND IN POINT FILE
TATE 11 COUNTY 3380 NOT FOUND IN POINT FILE
```

```
                POINT SOURCES                  1                19                13                 0                 3
            NATURAL GAS
                AREA SOURCES                   4                 1               159                 7                33
                POINT SOURCES                  2                 1                66                 3                12
            TOTAL (COMM-INST)
                AREA SOURCES                  14                84               202                 7                44
                POINT SOURCES                 63               698               219                10                23

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                1882               949              1590              3812             11005
                POINT SOURCES               5594             63683             33468               582              2167

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     5                45                73                 5                17
            NATURAL GAS                        0                 0                12                 0                 3
            TOTAL (ELEC GEN)                   5                45                85                 5                20

        TOTAL (INTERNAL COMB)                  5                45                85                 5                20

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1882               949              1590              3812             11005
                POINT SOURCES               5599             63728             33553               587              2187

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               489              2715               566                28                 3
    FOOD/AGRICULTURAL                    183                 0                 0                66                 0
    PRIMARY METAL                         20                 2                 6                 2                 2
    SECONDARY METALS                     259                44                 1                 0                62
    MINERAL PRODUCTS                     612                76                97               101               431
    PETROLEUM INDUSTRY                    31               692               110               131                 1
    WOOD PRODUCTS                       1349              2991              1044                47             33848
    ORGANIC SOLVENT EVAPORATION            0                 0                 0              3943                 0
    PETROLEUM STORAGE/TRANSPORT            0                 0                 0               324                 0
    OTHER/NOT CLASSIFIED                  30               107                79                 8                 9
    TOTAL (INDUSTRIAL)                  2973              6627              1903              4650             34356

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             1                 0                 0                 0                 1
        TOTAL (GOVERNMENT)                 1                 0                 0                 0                 1

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              69                 1                 2               194               581
        OPEN BURNING                     609                25               155               822              2607
        TOTAL (RESIDENTIAL)              678                26               157              1016              3188

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   4                 1                 2                 3                 8
        OPEN BURNING
                AREA SOURCES                   7                 0                 2                12                30
        TOTAL (COMM-INST)
                AREA SOURCES                  11                 1                 4                15                38

    INDUSTRIAL
```

```
     OTHER INCINERATION                    1            0            0            0            0
     TOTAL (GOVERNMENT)                   59           27           23          148          235

   RESIDENTIAL (AREA)

     ON SITE INCINERATION               3953           62          124        11118        33356
     OPEN BURNING                       2509           94          641         3383        10731
     TOTAL (RESIDENTIAL)                6462          156          765        14501        44087

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
             AREA SOURCES                117           37           56           68          161
             POINT SOURCES                37           18           60           10           32
     OPEN BURNING
             AREA SOURCES                  3            0            1            7           17
     TOTAL (COMM-INST)
             AREA SOURCES                120           37           57           75          178
             POINT SOURCES                37           18           60           10           32

   INDUSTRIAL

     ON SITE INCINERATION
             AREA SOURCES                 46            9            9           41           61
             POINT SOURCES               274          101           75           66          261
     OPEN BURNING
             AREA SOURCES                 34            1           11           60          209
     TOTAL (INDUSTRIAL)
             AREA SOURCES                 80           10           20          101          270
             POINT SOURCES               274          101           75           66          261

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES               6662          203          842        14677        44535
             POINT SOURCES               370          146          158          224          528

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES           167599         4675        96595       144034      1638638
        LIGHT DUTY TRUCKS              23076          904        17782        25689       255284
        HEAVY DUTY VEHICLES             6812          439        13085        21364       330004
        OFF HIGHWAY                      430          231         4788        12733       160980
        TOTAL (GASOLINE)              197917         6249       132250       203820      2384906

     DIESEL

        HEAVY DUTY VEHICLES            21759         7906        73392        11961        37340
        OFF HIGHWAY                     1183          926        11147         1699         3369
        RAIL                            1955         4458        28941         7029        10170
        TOTAL (DIESEL)                 24897        13290       113480        20689        50879

   AIRCRAFT

     MILITARY                             74            5           37           87          179
     CIVIL                                32           19          143          444         8899
     COMMERCIAL                          156          364         3774         3345        10392
     TOTAL (AIRCRAFT)                    262          388         3954         3876        19470

   VESSELS

     DIESEL FUEL                          44           56          415          104          146
     RESIDUAL OIL                         11          149           24            1            1
```

```
*********************

    FOREST WILDFIRES                    246            1           58          278         2025
    STRUCTURAL FIRES                    534            0           50          401         2171
    GASOLINE STA EVAP LOSS                0            0            0        11154            0
    SOLVENT EVAPORATION LOSS              0            0            0        38904            0
    UNPAVED ROADS                     61490            0            0            0            0
    TOTAL (MISCELLANEOUS)             62270            1          108        50737         4196

GRAND TOTAL
***********

    AREA SOURCES                     151339        26177       109238       152665       941614

    POINT SOURCES                     67813       784849       305994        78039       184164

    TOTAL                            219152       811026       415232       230704      1125778
```

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*** I05 ***
    TOTAL                                71174          751962          216964          5259
                                                                                                                *** I05
                                                                                        592          346588
```

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*** 106 ***                                                                                                                      *** 106 ***
SELECT CARD = <      085                                                                   40>
```

```
    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  42                13                20                24                57
        OPEN BURNING
                AREA SOURCES                   8                 0                 2                16                37
        TOTAL (COMM-INST)
                AREA SOURCES                  50                13                22                40                94

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  11                 2                 2                10                16
                POINT SOURCES                  3                 0                 1                 0                 0
        OPEN BURNING
                AREA SOURCES                  47                 1                17                80               279
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  58                 3                19                90               295
                POINT SOURCES                  3                 0                 1                 0                 0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                6501               189              1004             13137             40201
                POINT SOURCES                264                24                44                15               290

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            33790              1015             21264             30538            333216
            LIGHT DUTY TRUCKS               8348               347              6992              9926             94721
            HEAVY DUTY VEHICLES             1551               111              3309              4798             74911
            OFF HIGHWAY                       79                41               879              2339             29576
            TOTAL (GASOLINE)               43768              1514             32444             47601            532424

        DIESEL

            HEAVY DUTY VEHICLES             5957              2239             20697              3266             10173
            OFF HIGHWAY                      494               385              4638               707              1401
            RAIL                             563              1281              8320              2020              2922
            TOTAL (DIESEL)                  7014              3905             33655              5993             14496

    AIRCRAFT

        MILITARY                             122                 8                63               143               296
        CIVIL                                 10                 4                39               124              2496
        COMMERCIAL                            35                81               839               743              2312
        TOTAL (AIRCRAFT)                     167                93               941              1010              5104

    VESSELS

        DIESEL FUEL                           11                12                99                26                35
        GASOLINE                               0                 7                36               765              2780
        TOTAL (VESSELS)                       11                19               135               791              2815

    TOTAL (TRANSPORTATION)                 50960              5531             67175             55395            554839

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         229                 0                54               256              1877
    STRUCTURAL FIRES                         402                 0                37               302              1641
    GASOLINE STA EVAP LOSS                     0                 0                 0              7023                 0
    SOLVENT EVAPORATION LOSS                   0                 0                 0             26722                 0
```

ON SITE INCINERATION					
AREA SOURCES	9	0	0	9	17
OPEN BURNING					
AREA SOURCES	10	0	5	17	60
TOTAL (INDUSTRIAL)					
AREA SOURCES	19	0	5	26	77
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1084	49	241	1765	5453
POINT SOURCES	4	0	2	8	22
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5292	280	6232	6424	61907
LIGHT DUTY TRUCKS	1833	135	2935	2972	24718
HEAVY DUTY VEHICLES	366	39	1296	1256	20090
OFF HIGHWAY	38	21	423	1125	14234
TOTAL (GASOLINE)	7529	475	10886	11777	120949
DIESEL					
HEAVY DUTY VEHICLES	692	351	3161	368	1113
OFF HIGHWAY	103	81	969	148	292
RAIL	27	58	371	89	129
TOTAL (DIESEL)	822	490	4501	605	1534
AIRCRAFT					
CIVIL	5	2	25	76	1511
TOTAL (AIRCRAFT)	5	2	25	76	1511
VESSELS					
DIESEL FUEL	1	2	12	3	4
RESIDUAL OIL	1	8	1	0	0
GASOLINE	0	8	47	1027	3659
TOTAL (VESSELS)	2	18	60	1030	3663
TOTAL (TRANSPORTATION)	8358	985	15472	13488	127657
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	41	0	9	46	335
AGRICULTURAL BURNING	2	0	0	2	12
STRUCTURAL FIRES	114	0	12	85	466
GASOLINE STA EVAP LOSS	0	0	0	1730	0
SOLVENT EVAPORATION LOSS	0	0	0	6254	0
UNPAVED ROADS	23479	0	0	0	0
UNPAVED AIRSTRIPS	37	0	0	0	0
TOTAL (MISCELLANEOUS)	23673	0	21	8117	813
GRAND TOTAL					
***********					
AREA SOURCES	39924	4839	17972	36808	174155
POINT SOURCES	9950	48800	10492	4665	30594
TOTAL	49874	53639	28464	41473	204749

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*** I09 ***                                                                                                                  *** I09 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

AQCR EMISSIONS REPORT                                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:124 METROPOLITAN TOLEDO                                                     POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                   PARTICULATES          SOX               NOX               VOC                CO
                                   ************      ************      ************      ************      ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   3                 5                 1                 2                15
            DISTILLATE OIL                   20               223               139                 5                39
            NATURAL GAS                      42                 8              1402                74               280
            WOOD                           1410                15               112              2926              8699
            TOTAL (RESIDENTIAL)            1475               251              1654              3007              9033

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                6897            323595             96747               671              3453
            RESIDUAL OIL                     21                89                34                 4                 5
            DISTILLATE OIL                   20               236               178                 5                27
            NATURAL GAS                       0                 0                29                 0                 2
            PROCESS GAS                       0               224               520                10                74
            OTHER                             2                 2                 5                 2                 2
            TOTAL (ELEC GEN)               6940            324166             97513               692              3563

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES               866              4657              1581               100               226
            RESIDUAL OIL
                POINT SOURCES               238              2546               879                23                55
            DISTILLATE OIL
                AREA SOURCES                 10               104               116                 4                28
                POINT SOURCES                 1                 5                 4                 0                 0
            NATURAL GAS
                AREA SOURCES                 16                 3              3565              1139               454
                POINT SOURCES                 7                 0                95                 9                10
            PROCESS GAS
                POINT SOURCES                40              2282               537                10                45
            LIQUID PETROL GAS
                POINT SOURCES                 1                 1                 1                 1                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 26               107              3681              1143               482
                POINT SOURCES              1153              9491              3097               143               337

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 12                40                14                 0                 1
            BITUMINOUS COAL
                AREA SOURCES                  3                12                 4                 0                 2
```

```
*** I10 ***                                                                                                                        *** I10 ***
                 AREA S
                 POINT JRCES              150                 350                 267                  10                  83
                       OURCES            1068                 516                 116                   1                  80
         TOTAL (EXTERNA
                 AREA S COMB)
                 POINT JRCES              692                1910                2927                 851                 853
                       OURCES            2154                2733                 731                   9                 459
     TOTAL (FUEL COMBUS
                       ION)
                 AREA S
                 POINT JRCES              692                1910                2927                 851                 853
                       OURCES            2154                2733                 731                   9                 459
INDUSTRIAL PROCESS (PO
***********************NT)
                       ***
     FOOD/AGRICULTURAL
     SECONDARY METALS                     378                   0                   0                   0                   0
     MINERAL PRODUCTS                       5                   1                   0                   0                 151
     PETROLEUM STORAGE/                   107                   1                   0                   1                   0
     TOTAL (INDUSTRIAL)RANSPORT             0                   0                   0                1361                   0
                                          490                   2                   0                1362                 151
SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINE
         OPEN BURNING  ATION              115                   2                   3                 323                 969
         TOTAL (RESIDEN                   101                   4                  26                 136                 433
                       IAL)               216                   6                  29                 459                1402
     COMMERCIAL-INSTITU
                       IONAL
         ON SITE INCINE
                 AREA SATION
         TOTAL (COMM-INJRCES                7                   2                   3                   6                   9
                 AREA S)
                       JRCES                7                   2                   3                   6                   9
     INDUSTRIAL

         ON SITE INCINE
                 AREA SATION
         TOTAL (INDUSTRJRCES                1                   0                   0                   1                   2
                 AREA SAL)
                       JRCES                1                   0                   0                   1                   2
     TOTAL (SOLID WASTE
                 AREA SDISP)
                       JRCES              224                   8                  32                 464                1613
TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY
             LIGHT DUTY VEHICLES         2489                  95                2129                2776               29232
             HEAVY DUTY TRUCKS            828                  43                 901                1161               10884
             OFF HIGHWA VEHICLES          164                  14                 430                 540                8458
             TOTAL (GAS                     6                   3                  77                 204                2575
                        LINE)            3487                 155                3537                4681               51149
         DIESEL

             HEAVY DUTY
             OFF HIGHWA VEHICLES          890                 389                3544                 481                1478
             RAIL                          95                  75                 893                 136                 270
             TOTAL (DIE                    91                 206                1335                 325                 469
                        EL)              1076                 670                5772                 942                2217
```

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*** I11 ***                                                                                                        *** I11 ***
SELECT CARD = <     167                                                                   40>
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                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                                         AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
*********************                                                        POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983
AQCR:181 STEUBENVILLE-WEIRTON-WHEELING

                              PARTICULATES       SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             0              3              0              0             10
            BITUMINOUS COAL            34            142              6             23            206
            DISTILLATE OIL             26            268            169              5             46
            NATURAL GAS                22              4            721             38            144
            WOOD                     3437             35            271           7132          21198
            TOTAL (RESIDENTIAL)      3517            452           1167           7198          21604

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         46051         763693         152848           1257           5168
            RESIDUAL OIL               16            335            169              8             16
            DISTILLATE OIL              0             59             45              0              9
            TOTAL (ELEC GEN)        46067         764087         153062           1265           5193

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES        7130          56805          12085            111            865
            RESIDUAL OIL
                POINT SOURCES         561           4486           5518             26            177
            DISTILLATE OIL
                AREA SOURCES           12            127            142              5             35
                POINT SOURCES          66            250            269             15             32
            NATURAL GAS
                AREA SOURCES           17              4           4666           1480            573
                POINT SOURCES          26             17            161             24             38
            PROCESS GAS
                POINT SOURCES        1060           3707          59142            350           2013
            WOOD
                POINT SOURCES           1              0              1              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           29            131           4808           1485            608
                POINT SOURCES        8840          65265          77176            524           3125

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            9             30              9              0              0
            BITUMINOUS COAL
                AREA SOURCES           24            197             33              1             20
            DISTILLATE OIL
                AREA SOURCES            6             82             57              0             14
```

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                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

AQCR EMISSIONS REPORT                                                    RUN DATE:   MONDAY  NOVEMBER 28, 1983
*********************                                       AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:049 JACKSONVILLE-BRUNSWICK                            POINT EMISSIONS AS OF:   MONDAY       JULY 11, 1983

                              PARTICULATES        SOX            NOX            VOC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                6             29              0              3             34
         DISTILLATE OIL                25            309            191              6             51
         NATURAL GAS                   16              1            656             32            136
         WOOD                        9879            104            780          20502          60926
         TOTAL (RESIDENTIAL)         9926            443           1627          20543          61147

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              481           2587           2019              7             58
         RESIDUAL OIL                4878          65632          18632            358           1396
         NATURAL GAS                   54             14           7059            104           1872
         OTHER                        195              1            575            195            313
         TOTAL (ELEC GEN)            5608          68234          28285            664           3639

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              86            666            110              0             14
             POINT SOURCES            202           5652           4530             94            129
         RESIDUAL OIL
             POINT SOURCES           3863          55117           8073             46            689
         DISTILLATE OIL
             POINT SOURCES            411            963            379              4             95
         NATURAL GAS
             AREA SOURCES               3              0           1298            418            164
             POINT SOURCES            118              5           4457             64            847
         PROCESS GAS
             POINT SOURCES              8              0              0              1              0
         WOOD
             POINT SOURCES           4676           1196           9681          10885          24804
         LIQUID PETROL GAS
             POINT SOURCES              0              0            503            183            126
         OTHER
             POINT SOURCES              8              0              0              0              0
         TOTAL (INDUSTRIAL)
             AREA SOURCES              89            666           1408            418            178
             POINT SOURCES           9286          62933          27623          11277          26690

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             AREA SOURCES               0              2              0              0              0
         RESIDUAL OIL
```

```
        ON SITE INCINERATION
                POINT SOURCES               124                 4                21               183              2127
        OPEN BURNING
                AREA SOURCES                 31                 1                12                53               185
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 31                 1                12                53               185
                POINT SOURCES               124                 4                21               183              2127

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                720                28               173              1084              3411
                POINT SOURCES               125                 4                21               183              2128

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            8144               339              7174              8453             83038
            LIGHT DUTY TRUCKS              1945               121              2439              2690             22533
            HEAVY DUTY VEHICLES             468                41              1327              1503             23792
            OFF HIGHWAY                      21                10               235               622              7873
            TOTAL (GASOLINE)              10578               511             11175             13268            137236

        DIESEL

            HEAVY DUTY VEHICLES            1842               809              7373               994              3057
            OFF HIGHWAY                      76                59               710               109               215
            RAIL                             70               159              1030               250               362
            TOTAL (DIESEL)                 1988              1027              9113              1353              3634

    AIRCRAFT

        MILITARY                            359                23               184               422               872
        CIVIL                                 4                 1                15                48               970
        COMMERCIAL                            3                 7                77                68               212
        TOTAL (AIRCRAFT)                    366                31               276               538              2054

    VESSELS

        DIESEL FUEL                         309               388              2890               723              1012
        RESIDUAL OIL                        107              1412               232                14                 8
        GASOLINE                              0                28               164              3595             12810
        TOTAL (VESSELS)                     416              1828              3286              4332             13830

    TOTAL (TRANSPORTATION)                13348              3397             23850             19491            156754

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1790                15               421              2020             14742
    FOREST MANAGED BURNING                 6530                50              1306              4670             36563
    AGRICULTURAL BURNING                    518                 0                72               478              3445
    STRUCTURAL FIRES                        114                 0                 8                85               460
    GASOLINE STA EVAP LOSS                    0                 0                 0              2168                 0
    SOLVENT EVAPORATION LOSS                  0                 0                 0              7257                 0
    UNPAVED ROADS                         36503                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                 45455                65              1807             16678             55210

GRAND TOTAL
***********

    AREA SOURCES                          61405              4439             27420             41065            226380
```

```
        GASOLINE                                   0              12              58            1285            4582
        TOTAL (VESSELS)                           55             217             497            1390            4729

    TOTAL (TRANSPORTATION)                    223131           20144          250181          229775         2459984

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                            2211               0             210            1657            8999
    GASOLINE STA EVAP LOSS                         0               0               0           28646               0
    SOLVENT EVAPORATION LOSS                       0               0               0          142165               0
    UNPAVED ROADS                             115737               0               0               0               0
    UNPAVED AIRSTRIPS                             36               0               0               0               0
    TOTAL (MISCELLANEOUS)                     117984               0             210          172468            8999

GRAND TOTAL
***********

    AREA SOURCES                              354742           57420          289056          422958         2530526

    POINT SOURCES                             110751          322490          270691          133807          260673

    TOTAL                                     465493          379910          559747          556765         2791199
```

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SELECT CARD = <      072                                                              40>
STATE 14 COUNTY 6340 NOT FOUND IN POINT FILE
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*** JOS ***                                                              40>                          *** JOS ***
SELECT CARD = <        078
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

AQCR EMISSIONS REPORT                                                                   RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                 AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 1983
AQCR:085 METROPOLITAN OMAHA-COUNCIL BLUFFS                                  POINT EMISSIONS AS OF:   MONDAY         JULY 11, 1983

                               PARTICULATES        SOX               NOX               VOC               CO
                               ************    ************      ************      ************      ************
                                TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              1               3                 0                 9                10
            DISTILLATE OIL               5              56                34                 6                10
            NATURAL GAS                 28               6               945                92               190
            WOOD                        65               0                 5                 4               399
            TOTAL (RESIDENTIAL)         99              65               984               111               609

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           2261           35881             39372               200              1166
            DISTILLATE OIL               0              22                13                 0                 2
            NATURAL GAS                  0               0                54                 0                 4
            TOTAL (ELEC GEN)          2261           35903             39439               200              1172

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           237            1483               738                41                95
            RESIDUAL OIL
                AREA SOURCES             3              40                 9                 4                 1
                POINT SOURCES            3              36                 9                 0                 1
            DISTILLATE OIL
                AREA SOURCES             4              37                42                 1                10
                POINT SOURCES            1              37                11                 0                 3
            NATURAL GAS
                AREA SOURCES            16               3              3403                87               428
                POINT SOURCES            7               1               643                 6                86
            LIQUID PETROL GAS
                POINT SOURCES            0               0                 1                 0                 0
            OTHER
                POINT SOURCES            1               9                19                 1                 4
            TOTAL (INDUSTRIAL)
                AREA SOURCES           260            1563              4192               133               534
                POINT SOURCES           12              83               683                 7                94

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             4              12                 4                 0                 0
            BITUMINOUS COAL
                AREA SOURCES            26             113                25                 0                14
            RESIDUAL OIL
                AREA SOURCES             2              28                 7                 3                 1
    UNPAVED ROADS                         122184            0             0             0             0
    UNPAVED AIRSTRIPS                        218            0             0             0             0
    TOTAL (MISCELLANEOUS)                 123033            0            91         34303          3518

GRAND TOTAL
***********

    AREA SOURCES                          183133        22036        111110        116629        607469

    POINT SOURCES                          40635       242892        102698         61936          6617

    TOTAL                                 223768       264928        213808        178565        614086
```

```
*** JOB ***                                                                                              *** JOB ***
SELECT CARD = <      113                                                    40>
```

```
                POINT SOURCES               393           1757            265             17             34
            RESIDUAL OIL
                AREA SOURCES                  1              4              2              0              0
                POINT SOURCES                16            207            184             10             15
            DISTILLATE OIL
                AREA SOURCES                  7            105             73              1             18
            NATURAL GAS
                AREA SOURCES                 16              2            553             29            111
                POINT SOURCES                 0              0             18              1              2
            TOTAL (COMM-INST)
                AREA SOURCES                 39            163            646             30            132
                POINT SOURCES               409           1964            467             28             51

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               1540            521           5981           4180           9647
                POINT SOURCES              8502         335601         101077            863           3951

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    8             60            112              3              9
            TOTAL (ELEC GEN)                  8             60            112              3              9

        TOTAL (INTERNAL COMB)                 8             60            112              3              9

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1540            521           5981           4180           9647
                POINT SOURCES              8510         335661         101189            866           3960

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   27           5111              0            781           8602
    FOOD/AGRICULTURAL                      3888              0              2              0              0
    PRIMARY METAL                          1235            390              7            872           1808
    SECONDARY METALS                         24              1              2              0            140
    MINERAL PRODUCTS                       3008          11609           4439             68             63
    PETROLEUM INDUSTRY                      646          11084           4485            361            224
    WOOD PRODUCTS                            28              0              0              0              0
    ORGANIC SOLVENT EVAPORATION               2              0              0           5121              0
    PETROLEUM STORAGE/TRANSPORT               0              0              0           3165              0
    METAL FABRICATION                         2              0              0              0              0
    TEXTILE MANUFACTURING                     6              0              0           1577              0
    TOTAL (INDUSTRIAL)                     8866          28195           8935          11945          10837

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                511              8             15           1434           4305
        OPEN BURNING                        772             29            197           1041           3304
        TOTAL (RESIDENTIAL)                1283             37            212           2475           7609

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                122             38             58             71            166
        OPEN BURNING
                AREA SOURCES                  4              0              1              9             21
        TOTAL (COMM-INST)
                AREA SOURCES                126             38             59             80            187

    INDUSTRIAL
```

```
*** J10 ***
    AIRCRAFT                                                                        *** J10 ***

        MILITARY
        CIVIL                       43            3            22            50           103
        COMMERCIAL                   2            1             8            27           938
        TOTAL (AIRCRAFT              3            7            70            62           194
    VESSELS          )              48           11           100           139           835

        GASOLINE
        TOTAL (VESSELS)              0            0             1            22            78
    TOTAL (TRANSPORTATI              0            0             1            22            78

MISCELLANEOUS (AREA)   ON)        4611          836          9410          5784         54279
********************

    STRUCTURAL FIRES
    GASOLINE STA EVAP L             34            0             3            26           140
    SOLVENT EVAPORATION              0            0             0           423             0
    UNPAVED ROADS     OSS            0            0             0          1465             0
    TOTAL (MISCELLANEOU LOSS     87638            0             0             0             0
GRAND TOTAL          S)          87672            0             3          1914           140
***********

    AREA SOURCES

    POINT SOURCES                93199         2754         12372          9013         56685

    TOTAL                         2644         2735           731          1371           610

                                 95843         5489         13103         10384         57295
```

```
*** J11 ***                                                                                                           *** J11 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

AQCR EMISSIONS REPORT                                                                   RUN DATE:     MONDAY  NOVEMBER 28, 1983
***************************                                                 AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
AQCR:167 METROPOLITAN CHARLOTTE                                            POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                                  PARTICULATES          SOX               NOX               VOC                CO
                                  ************     ************      ************      ************      ************
                                   TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 51              158                10                33               308
            DISTILLATE OIL                  70              794               697                19               139
            NATURAL GAS                     15                3               568                32               112
            WOOD                          4295               65               338              8916             26500
            TOTAL (RESIDENTIAL)           4431             1000              1613              9000             27059

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              16461            72366             37618               125              1075
            TOTAL (ELEC GEN)             16461            72364             37618               125              1075

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               448             2462               816                 2               105
                POINT SOURCES             2140            13437              6988                27               511
            RESIDUAL OIL
                POINT SOURCES             1251            17216              3011                15               270
            DISTILLATE OIL
                AREA SOURCES                 1               19                22                 0                 3
                POINT SOURCES                2              115                36                 0                 7
            NATURAL GAS
                AREA SOURCES                30                6              3772               927               449
                POINT SOURCES                9                1               684                 6                94
            PROCESS GAS
                POINT SOURCES                0                1                 0                 0                 0
            WOOD
                AREA SOURCES                 6                0                 6                 5                13
                POINT SOURCES              864               16               190               215               504
            LIQUID PETROL GAS
                POINT SOURCES                0                1                 5                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES               485             2485              4616               934               570
                POINT SOURCES             4266            30785             10914               263              1386

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 3               13                 5                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                94              362                75                 2                44
                POINT SOURCES               30               44                14                 1                11
            NATURAL GAS
                AREA SOURCES                           8             0           266            15            53
            TOTAL (COMM-INST)
                AREA SOURCES                          47           309           365            16            87

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                        3593           892          6340          8699         22299
                POINT SOURCES                      54907        829352        230238          1789          8318

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                        3593           892          6340          8699         22299
                POINT SOURCES                      54907        829352        230238          1789          8318

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                           362         14282             4           376          8752
    PRIMARY METAL                                  11953         19108          9700          2128        119889
    SECONDARY METALS                                 782            35             4             0          6904
    MINERAL PRODUCTS                                2098           606           224           189            92
    PETROLEUM INDUSTRY                                22           694           182             1            21
    WOOD PRODUCTS                                      5             0             0             0             0
    ORGANIC SOLVENT EVAPORATION                       12             0             0            16             0
    TOTAL (INDUSTRIAL)                             15234         34725         10114          2708        135658

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                         237             3             7           667          2002
        OPEN BURNING                                 591            21           153           798          2531
        TOTAL (RESIDENTIAL)                          828            24           160          1465          4533

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                          56            18            27            33            77
        OPEN BURNING
                AREA SOURCES                           3             0             0             6            12
        TOTAL (COMM-INST)
                AREA SOURCES                          59            18            27            39            89

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                          13             3             3            12            18
                POINT SOURCES                         58            32            39            22           403
        OPEN BURNING
                AREA SOURCES                          12             0             4            21            75
        TOTAL (INDUSTRIAL)
                AREA SOURCES                          25             3             7            33            93
                POINT SOURCES                         58            32            39            22           403

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                         912            45           194          1537          4715
                POINT SOURCES                         58            32            39            22           403

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE
```

```
          POINT SOURCES                  972         4025          884           19           81
      DISTILLATE OIL
          AREA SOURCES                     8          150          106            0           23
          POINT SOURCES                   48         2058          475            8          118
      NATURAL GAS
          AREA SOURCES                     1            0           69            2           12
          POINT SOURCES                   28            5         1294           27          322
      TOTAL (COMM-INST)
          AREA SOURCES                     9          152          175            2           35
          POINT SOURCES                 1048         6088         2653           54          521

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                 10024         1261         3210        20963        61360
          POINT SOURCES                15942       137255        58561        11995        30850

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                      62          403          579          164          896
      NATURAL GAS                         41            1         2316          386         4066
      TOTAL (ELEC GEN)                   103          404         2895          550         4962

    INDUSTRIAL FUEL

      DISTILLATE OIL                       4            3           49            3           11
      NATURAL GAS                          0            0           60            1            8
      TOTAL (INDUSTRIAL)                   4            3          109            4           19

    TOTAL (INTERNAL COMB)                107          407         3004          554         4981

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                 10024         1261         3210        20963        61360
          POINT SOURCES                16049       137662        61565        12549        35831

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                3258        16950            0         8961           67
  FOOD/AGRICULTURAL                      104            0            0           24           28
  PRIMARY METAL                           13            0            0            0            0
  SECONDARY METALS                      2324          768           33            0            4
  MINERAL PRODUCTS                      5468        13131          730           29          128
  WOOD PRODUCTS                         5585        19697         4619          321        99496
  ORGANIC SOLVENT EVAPORATION              0            0            0        11414            0
  PETROLEUM STORAGE/TRANSPORT            558            0            0         5748            0
  METAL FABRICATION                        2            0            0            0            0
  OTHER/NOT CLASSIFIED                  1030         5140            0            0            0
  TOTAL (INDUSTRIAL)                   18342        55686         5382        26497        99723

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    OTHER INCINERATION                    51           39          198           39            0
    TOTAL (GOVERNMENT)                    51           39          198           39            0

  RESIDENTIAL (AREA)

    ON SITE INCINERATION                  41            0            0          118          356
    OPEN BURNING                        3953          150         1013         5333        16913
    TOTAL (RESIDENTIAL)                 3994          150         1013         5451        17269
```

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          TOTAL (RESIDENTIAL)          3994          150         1013         5451        17269

        COMMERCIAL-INSTITUTIONAL
```

```
*** K02 ***
    POINT SOURCES                                8697          70359          35477           5420          38671   *** K02 ***

    TOTAL                                       70102          74798          62897          46485         265051
```

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*** K03 ***
SELECT CARD = <      068                                                      40>
```

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                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

                                                                     RUN DATE:   MONDAY    NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:   TUESDAY   NOVEMBER 22, 1983
***************************                             POINT EMISSIONS AS OF:   MONDAY        JULY 11, 1983
AQCR:072 PADUCAH-CAIRO

                           PARTICULATES        SOX            NOX            VOC            CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               3             11              0              3             33
         BITUMINOUS COAL             116            424             21             76            670
         DISTILLATE OIL                0             24             15              0              1
         NATURAL GAS                  15              1            538             27            108
         WOOD                       5832             61            461          12111          35994
         TOTAL (RESIDENTIAL)        5964            521           1035          12217          36806

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            8584         568385         150704            704           3998
         DISTILLATE OIL                0            125             44              0             11
         TOTAL (ELEC GEN)           8584         568510         150748            704           4009

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             309           2357            642              0             81
            POINT SOURCES            411          10436           1607              8            460
         RESIDUAL OIL
            AREA SOURCES               0              3              1              0              0
            POINT SOURCES             42            555             94              0              8
         DISTILLATE OIL
            AREA SOURCES              14            148            166              5             61
            POINT SOURCES             18            269            150              2             35
         NATURAL GAS
            AREA SOURCES               0              0             94             25             12
            POINT SOURCES             14              2           2435              6            192
         WOOD
            POINT SOURCES              0              1              6              7             16
         LIQUID PETROL GAS
            POINT SOURCES              0              0              3              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             323           2508            903             30            134
            POINT SOURCES            485          11263           4295             23            712

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              12             48             15              0              0
         BITUMINOUS COAL
            AREA SOURCES             100            494             91              3             55
        POINT SOURCES            14            114            11             0             5
```

```
*** K05 ***                                                                                                   *** K05 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************
                                                                                     E:    MONDAY  NOVEMBER 28, 1983
                                                                                RUN  F:   TUESDAY  NOVEMBER 22, 1983
AQCR EMISSIONS REPORT                                                 AREA EMISSIONS AF:    MONDAY      JULY 11, 1983
***************************                                          POINT EMISSIONS A
AQCR:078 LOUISVILLE
                                                                                                      CO
                              PARTICULATES          SOX               NOX              VOC       ************
                              ************     ************      ************      *********      TONS / YR
                               TONS / YR         TONS / YR         TONS / YR        TONS / Y

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)                                                                             9
            ANTHRACITE COAL                1                 2                 0                          122
            BITUMINOUS COAL               20                76                 4                           19
            DISTILLATE OIL                10               111                69                          254
            NATURAL GAS                   39                 8              1271                        10964
            WOOD                        1776                18               140                        11368
            TOTAL (RESIDENTIAL)         1846               215              1484

        ELEC GENERATION (POINT)                                                                          1323
                                                                                                            9
            BITUMINOUS COAL             4231            156626             39123                           49
            DISTILLATE OIL                 0                33                34                         1381
            NATURAL GAS                    0                 0               679
            TOTAL (ELEC GEN)            4231            156659             39836

        INDUSTRIAL FUEL
                                                                                                          418
            BITUMINOUS COAL                                                                               398
                AREA SOURCES            1587             12123              3243
                POINT SOURCES             89              1066              1500                            3
            RESIDUAL OIL                                                                                    2
                AREA SOURCES              13               176                41
                POINT SOURCES              3                49                26                          128
            DISTILLATE OIL                                                                                  9
                AREA SOURCES              48               478               541
                POINT SOURCES              6               118                45                           61
            NATURAL GAS                                                                                    68
                AREA SOURCES               3                 0               331
                POINT SOURCES              7                 3               553                          107
            WOOD
                POINT SOURCES             35                 5                45                            0
            LIQUID PETROL GAS
                POINT SOURCES              0                 0                 1                          610
            TOTAL (INDUSTRIAL)                                                                            584
                AREA SOURCES            1651             12777              4156
                POINT SOURCES            140              1241              2170

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              44               144                52                     166
            BITUMINOUS COAL
                                         304              1499               278
                POINT SOURCES                      0              3              1              0              0
            DISTILLATE OIL
                AREA SOURCES                      12            163            114             14             28
                POINT SOURCES                      1             19             10              0              2
            NATURAL GAS
                AREA SOURCES                      24              4            792             49            158
                POINT SOURCES                      3              1            188              3             33
            TOTAL (COMM-INST)
                AREA SOURCES                      68            320            942             66            201
                POINT SOURCES                      4             23            199              3             35

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                     427           1948           6118            310           1344
                POINT SOURCES                   2277          36009          40321            210           1301

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            NATURAL GAS                            1              0             17              1              5
            TOTAL (ELEC GEN)                       1              0             17              1              5

        INDUSTRIAL FUEL

            NATURAL GAS                            0              0            119              3             15
            TOTAL (INDUSTRIAL)                     0              0            119              3             15

        TOTAL (INTERNAL COMB)                      1              0            136              4             20

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                     427           1948           6118            310           1344
                POINT SOURCES                   2278          36009          40457            214           1321

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                       272              0              1              0              0
    FOOD/AGRICULTURAL                           2658              0              1              0              3
    SECONDARY METALS                              99           3493             15              0          10043
    MINERAL PRODUCTS                             286             21             10             22             11
    ORGANIC SOLVENT EVAPORATION                    0              0              0          10164              0
    PETROLEUM STORAGE/TRANSPORT                    0              0              0           5363              0
    TOTAL (INDUSTRIAL)                          3315           3514             27          15549          10057

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     502              8             16           1412           4237
        OPEN BURNING                             926             34            236           1248           3961
        TOTAL (RESIDENTIAL)                     1428             42            252           2660           8198

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                      32             10             15             18             43
                POINT SOURCES                     77             12             24             79            240
        TOTAL (COMM-INST)
                AREA SOURCES                      32             10             15             18             43
                POINT SOURCES                     77             12             24             79            240

    INDUSTRIAL

        ON SITE INCINERATION
```

```
SELECT CARD = <        103                                                            40>
STATE 18 COUNTY 0180 NOT FOUND IN POINT FILE
STATE 18 COUNTY 1060 NOT FOUND IN POINT FILE
STATE 18 COUNTY 3520 NOT FOUND IN POINT FILE
STATE 36 COUNTY 0820 NOT FOUND IN POINT FILE
```

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*** K08 ***                                                                                                                *** K08 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

AQCR EMISSIONS REPORT                                                                         RUN DATE:     MONDAY   NOVEMBER 28, 1983
****************************                                                      AREA EMISSIONS AS OF:    TUESDAY   NOVEMBER 22, 1983
AQCR:113 CUMBERLAND-KEYSER                                                       POINT EMISSIONS AS OF:     MONDAY       JULY 11, 1983

                                    PARTICULATES           SOX               NOX               VOC                CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    6                15                 2                 6                49
            BITUMINOUS COAL                  123               533                25                81               741
            DISTILLATE OIL                    24               273               171                 7                47
            NATURAL GAS                        4                 1               156                 9                31
            WOOD                            1372                15               109              2848              8465
            TOTAL (RESIDENTIAL)             1529               837               463              2951              9333

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  381              4673              2516                 8                72
            DISTILLATE OIL                     0                 5                 0                 0                 0
            TOTAL (ELEC GEN)                 381              4678              2516                 8                72

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES                122               155                60                 3                 8
            BITUMINOUS COAL
                POINT SOURCES                809             10170              5895                45               134
            RESIDUAL OIL
                POINT SOURCES                189               862               606                 2                22
            DISTILLATE OIL
                AREA SOURCES                   4                41                46                 1                11
                POINT SOURCES                115               713                66                 0                17
            NATURAL GAS
                AREA SOURCES                   1                 0               362                99                45
                POINT SOURCES                  0                 0               237                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   5                41               408               100                56
                POINT SOURCES               1235             11900              6864                50               181

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                   9                31                11                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                   1                 9                 1                 0                 1
                POINT SOURCES                110               225                88                 4                11
            DISTILLATE OIL
                AREA SOURCES                   3                39                27                 0                 7
```

```
          ON SITE INCINERATION
                  AREA SOURCES                 42              8              8             37             57
          OPEN BURNING
                  AREA SOURCES                 32              1             11             55            194
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                 74              9             19             92            251

     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               1483             84            290           2647           8047

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES          13034            462           9881          12735         135279
               LIGHT DUTY TRUCKS             2483            129           2700           3298          30044
               HEAVY DUTY VEHICLES            684             53           1642           2155          33811
               OFF HIGHWAY                     38             21            427           1134          14330
               TOTAL (GASOLINE)             16239            665          14650          19322         213464

          DIESEL

               HEAVY DUTY VEHICLES           2432            981           9007           1324           4100
               OFF HIGHWAY                    241            189           2269            346            685
               RAIL                           207            472           3066            744           1078
               TOTAL (DIESEL)                2880           1642          14342           2414           5863

     AIRCRAFT

          MILITARY                             21              1             11             25             52
          CIVIL                                 3              3             17             49            997
          COMMERCIAL                            4             10            105             93            289
          TOTAL (AIRCRAFT)                     28             14            133            167           1338

     VESSELS

          DIESEL FUEL                           1              1              8              2              3
          RESIDUAL OIL                          1              9              1              0              0
          GASOLINE                              0              5             28            592           2107
          TOTAL (VESSELS)                       2             15             37            594           2110

     TOTAL (TRANSPORTATION)                 19149           2336          29162          22497         222775

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                         225              2             53            254           1851
     STRUCTURAL FIRES                         198              0             18            148            806
     GASOLINE STA EVAP LOSS                     0              0              0           3341              0
     SOLVENT EVAPORATION LOSS                   0              0              0          12240              0
     UNPAVED ROADS                          12059              0              0              0              0
     TOTAL (MISCELLANEOUS)                  12482              2             71          15983           2657

GRAND TOTAL
***********

     AREA SOURCES                           34654           2943          35504          45307         243126

     POINT SOURCES                          17376         363856         110124          12811          14797

     TOTAL                                  52030         366799         145628          58118         257923
```

```
*** K10 ***
SELECT CARD = <      15
                                                                                    *** K10 ***
                      51                                                40>
```

```
          RESIDUAL OIL
              POINT SOURCES                  7              78              14               0               1
          DISTILLATE OIL
              AREA SOURCES                   1              22              16               0               3
              POINT SOURCES                  1              22              13               0               3
          NATURAL GAS
              AREA SOURCES                   9               1             340              16              68
          TOTAL (COMM-INST)
              AREA SOURCES                 107             378             436              18             115
              POINT SOURCES                 38             144              41               1              15

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                5023            3863            6465            9952           27744
              POINT SOURCES              20765          103293           48573             389            2476

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                     3              46              93               6              21
          NATURAL GAS                        1               0              94               3              27
          TOTAL (ELEC GEN)                   4              46             187               9              48

      TOTAL (INTERNAL COMB)                  4              46             187               9              48

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                5023            3863            6465            9952           27744
              POINT SOURCES              20769          103339           48760             398            2524

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   56               0              56            4943               0
   FOOD/AGRICULTURAL                       527               0               0               0               0
   PRIMARY METAL                           638            1604              38              22           11395
   SECONDARY METALS                        253             252              18               0            1650
   MINERAL PRODUCTS                       9395              86             802             235              93
   WOOD PRODUCTS                          2017             623             338              18            6990
   ORGANIC SOLVENT EVAPORATION               0               0               0            4736               0
   PETROLEUM STORAGE/TRANSPORT               0               0               0            2598               0
   TEXTILE MANUFACTURING                    95             831             151            9951              15
   OTHER/NOT CLASSIFIED                      4               0               0               0               0
   TOTAL (INDUSTRIAL)                    12985            3196            1603           22503           20143

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION                121               1               5             340            1020
       OPEN BURNING                       1598              58             408            2156            6840
       TOTAL (RESIDENTIAL)                1719              59             413            2496            7860

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                140              43              65              79             190
               POINT SOURCES                17               8              10              10              27
       OPEN BURNING
               AREA SOURCES                  8               0               1              15              33
       TOTAL (COMM-INST)
               AREA SOURCES                148              43              66              94             223
               POINT SOURCES                17               8              10              10              27

   INDUSTRIAL
```

```
          LIGHT DUTY VEHICLES          6948          327         7064         7583         74563
          LIGHT DUTY TRUCKS            1913          125         2575         2716         23208
          HEAVY DUTY VEHICLES           622           59         1895         2032         32286
          OFF HIGHWAY                    28           15          323          855         10832
          TOTAL (GASOLINE)             9511          526        11857        13186        140889

       DIESEL

          HEAVY DUTY VEHICLES          1153          556         5021          616          1879
          OFF HIGHWAY                   149          117         1395          213           423
          RAIL                          173          390         2539          616           892
          TOTAL (DIESEL)               1475         1063         8955         1445          3194

    AIRCRAFT

       MILITARY                          20            1           10           24            50
       CIVIL                              3            1           16           49           959
       COMMERCIAL                         0            0            3            3             8
       TOTAL (AIRCRAFT)                  23            2           29           76          1017

    VESSELS

       DIESEL FUEL                       24           32          225           56            78
       GASOLINE                           0            3           23          511          1822
       TOTAL (VESSELS)                   24           35          248          567          1900

    TOTAL (TRANSPORTATION)            11033         1626        21089        15274        147000

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   1120           10          262         1264          9225
    STRUCTURAL FIRES                    135            0           13          101           548
    GASOLINE STA EVAP LOSS                0            0            0         1965             0
    SOLVENT EVAPORATION LOSS              0            0            0         5779             0
    UNPAVED ROADS                     49159            0            0            0             0
    UNPAVED AIRSTRIPS                     8            0            0            0             0
    TOTAL (MISCELLANEOUS)             50422           10          275         9109          9773

GRAND TOTAL
***********

    AREA SOURCES                      65960         2573        27898        34619        183787

    POINT SOURCES                     70199       864109       240391         4519        144379

    TOTAL                            136159       866682       268289        39138        328166
```

```
      ON SITE INCINERATION
              AREA SOURCES              7          1          4          5         13
              POINT SOURCES             2          1          1          1          3
      OPEN BURNING
              AREA SOURCES              1          0          0          2          4
      TOTAL (COMM-INST)
              AREA SOURCES              8          1          4          7         17
              POINT SOURCES             2          1          1          1          3

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES              7          1          1          7         12
              POINT SOURCES            23         84         69        482        640
      OPEN BURNING
              AREA SOURCES             36          0         15         62        215
      TOTAL (INDUSTRIAL)
              AREA SOURCES             43          1         16         69        227
              POINT SOURCES            23         84         69        482        640

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES           4045        152       1033       5527      17513
              POINT SOURCES            76        124        268        522        643
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        33676       1352      27442      32326     315772
         LIGHT DUTY TRUCKS           8749        523       9831      10677      89812
         HEAVY DUTY VEHICLES         1892        161       4931       5826      92381
         OFF HIGHWAY                   82         41        935       2500      31610
         TOTAL (GASOLINE)           44399       2077      43139      51329     529575
      DIESEL

         HEAVY DUTY VEHICLES         6463       2762      25185       3502      10785
         OFF HIGHWAY                  280        215       2620        399        795
         RAIL                         181        409       2638        642        929
         TOTAL (DIESEL)              6924       3386      30443       4543      12509
   AIRCRAFT

      MILITARY                        597         39        307        701       1448
      CIVIL                            10          5         50        171       3416
      COMMERCIAL                       17         38        396        352       1093
      TOTAL (AIRCRAFT)                624         82        753       1224       5957
   VESSELS

      DIESEL FUEL                     894       1113       8322       2078       2912
      RESIDUAL OIL                    392       5170        850         51         27
      GASOLINE                          0         56        346       7564      26961
      TOTAL (VESSELS)                1286       6339       9518       9693      29900

   TOTAL (TRANSPORTATION)           53233      11884      83853      66789     577941
MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  1224          9        288       1384      10072
   FOREST MANAGED BURNING           17048        129       3408      12191      95455
```

```
*** L02 ***                                                                                                    *** L02 ***

SELECT CARD = <       062                                                              40>
STATE 49 COUNTY 0440 NOT FOUND IN POINT FILE
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*** L03 ***                                                                                    *** L03 ***

                                    NATIONAL EMISSIONS DATA SYSTEM
                                   *******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

AQCR EMISSIONS REPORT                                                  RUN DATE:    MONDAY  NOVEMBER 28, 1983
*************************                                 AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:068 METROPOLITAN DUBUQUE                            POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                          PARTICULATES        SOX           NOX           VOC           CO
                          ************   ************  ************  ************  ************
                           TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL          0             2             0             0             2
         DISTILLATE OIL          22           244           152             7            42
         NATURAL GAS              8             1           250            12            50
         WOOD                   947            10            75          1964          5839
         TOTAL (RESIDENTIAL)    977           257           477          1983          5933

      ELEC GENERATION (POINT)

         BITUMINOUS COAL       1605         36192         11490           116           448
         DISTILLATE OIL           0             6             2             0             2
         NATURAL GAS              0             0            62             0             4
         TOTAL (ELEC GEN)      1605         36198         11554           116           454

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES          4            32             7             0             1
            POINT SOURCES       307          1621           389            13           104
         DISTILLATE OIL
            POINT SOURCES         2            29            11             0             3
         NATURAL GAS
            AREA SOURCES          1             0           259            88            33
            POINT SOURCES         5             1           481            17           299
         PROCESS GAS
            POINT SOURCES         0             0             0            84             0
         LIQUID PETROL GAS
            POINT SOURCES         0             0             3             0             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES          5            32           266            88            34
            POINT SOURCES       314          1651           884           114           407

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES          8            27             9             0             0
         BITUMINOUS COAL
            AREA SOURCES         37           159            26             1            15
            POINT SOURCES       121           111            30             1             3
         RESIDUAL OIL
            AREA SOURCES          0             7             1             0             0
         DISTILLATE OIL
            AREA SOURCES          3            49            34             0            10
```

```
*** L04 ***
          RESIDUAL OIL
              AREA SOURCES                       7          112           25            0            1
          DISTILLATE OIL
              AREA SOURCES                       1           45           31            0            6
              POINT SOURCES                      1           24           15            0            3
          NATURAL GAS
              AREA SOURCES                       0            0           23            0            5
              POINT SOURCES                      0            0            8            0            1
          WOOD
              POINT SOURCES                      0           21           16          277          651
          TOTAL (COMM-INST)
              AREA SOURCES                     120          699          185            3           67
              POINT SOURCES                     15          159           50          277          658

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                    6407         3728         2123        12250        37007
              POINT SOURCES                   9084       579932       155093         1004         5379

  INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

          NATURAL GAS                            3            0         1340          205          168
          TOTAL (INDUSTRIAL)                     3            0         1340          205          168

      TOTAL (INTERNAL COMB)                      3            0         1340          205          168

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES                    6407         3728         2123        12250        37007
              POINT SOURCES                   9087       579932       156433         1209         5547

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                       107            0            0         1959          119
  FOOD/AGRICULTURAL                            887            0            0            3            0
  PRIMARY METAL                                 15            0            0            0            0
  SECONDARY METALS                             126            2            0            1            0
  MINERAL PRODUCTS                            7904         9313         2882           32           16
  WOOD PRODUCTS                                  0           13          109            0           75
  ORGANIC SOLVENT EVAPORATION                    0            0            0         1284            0
  PETROLEUM STORAGE/TRANSPORT                    0            0            0          812            0
  METAL FABRICATION                              1            0            1            0            0
  OTHER/NOT CLASSIFIED                          16            0            0          297            0
  TOTAL (INDUSTRIAL)                          9056         9328         2992         4388          210

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                      73            0            1          211          643
      OPEN BURNING                             937           34          240         1267         4015
      TOTAL (RESIDENTIAL)                     1010           34          241         1478         4658

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                      12            2            6            8           18
              POINT SOURCES                      6            2            7           59          695
      TOTAL (COMM-INST)
              AREA SOURCES                      12            2            6            8           18
              POINT SOURCES                      6            2            7           59          695

  INDUSTRIAL
```

*** L05 ***					
POINT SOURCES	8	47	19	2	[illegible]
RESIDUAL OIL					
AREA SOURCES	24	310	72	1	6
POINT SOURCES	0	19	10	0	0
DISTILLATE OIL					
AREA SOURCES	8	129	90	1	22
POINT SOURCES	4	88	42	1	10
NATURAL GAS					
AREA SOURCES	3	0	80	4	16
POINT SOURCES	44	9	1519	77	303
WOOD					
POINT SOURCES	44	1	3	9	20
OTHER					
POINT SOURCES	1	0	46	2	9
TOTAL (COMM-INST)					
AREA SOURCES	383	2082	572	19	213
POINT SOURCES	101	164	1639	91	359
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3880	15074	6212	3901	12191
POINT SOURCES	4472	158064	43645	339	2324
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	3	0	77	6	28
TOTAL (INDUSTRIAL)	3	0	77	6	28
TOTAL (INTERNAL COMB)	3	0	77	6	28
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3880	15074	6212	3901	12191
POINT SOURCES	4475	158064	43722	345	2352
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	62	0	1	551	8
FOOD/AGRICULTURAL	42	0	0	2369	0
SECONDARY METALS	4	0	0	35	42
MINERAL PRODUCTS	3814	2927	754	24	12
PETROLEUM INDUSTRY	1	478	129	164	143
WOOD PRODUCTS	44	0	0	0	0
ORGANIC SOLVENT EVAPORATION	149	0	0	6091	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	478	0
OTHER/NOT CLASSIFIED	0	2450	0	5	0
TOTAL (INDUSTRIAL)	4116	5855	884	9717	205
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	3	3	190	95	2
TOTAL (GOVERNMENT)	3	3	190	95	2
RESIDENTIAL (AREA)					
ON SITE INCINERATION	134	3	4	377	1131
OPEN BURNING	1666	61	426	2248	7130
TOTAL (RESIDENTIAL)	1800	64	430	2625	8261
COMMERCIAL-INSTITUTIONAL					

```
                AREA SOURCES                   8            2            2            7           11
                POINT SOURCES                 22           11           54           13            4
      TOTAL (INDUSTRIAL)
                AREA SOURCES                   8            2            2            7           11
                POINT SOURCES                 22           11           54           13            4

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1468           54          269         2685         8252
                POINT SOURCES                 99           23           78           92          244

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES                9887          334         7497        10616       111223
         LIGHT DUTY TRUCKS                  2371          112         2346         3173        29545
         HEAVY DUTY VEHICLES                 467           34         1041         1459        22809
         OFF HIGHWAY                          25           13          283          751         9491
         TOTAL (GASOLINE)                  12750          493        11167        15999       173068

      DIESEL

         HEAVY DUTY VEHICLES                3216         1238        11421         1759         5466
         OFF HIGHWAY                         233          182         2190          334          662
         RAIL                                161          366         2373          576          833
         TOTAL (DIESEL)                     3610         1786        15984         2669         6961

   AIRCRAFT

      MILITARY                               206           13          106          242          501
      CIVIL                                    3            1           16           44          985
      COMMERCIAL                              12           29          296          262          815
      TOTAL (AIRCRAFT)                       221           43          418          548         2301

   VESSELS

      GASOLINE                                 0            1            9          214          761
      TOTAL (VESSELS)                          0            1            9          214          761

   TOTAL (TRANSPORTATION)                  16581         2323        27578        19430       183091

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                           16            0            4           19          140
   STRUCTURAL FIRES                          154            0           15          116          628
   GASOLINE STA EVAP LOSS                      0            0            0         2069            0
   SOLVENT EVAPORATION LOSS                    0            0            0         7268            0
   UNPAVED ROADS                           55923            0            0            0            0
   TOTAL (MISCELLANEOUS)                   56093            0           19         9472          768

GRAND TOTAL
***********

   AREA SOURCES                            74569         4325        33984        31897       193455

   POINT SOURCES                            5692        39546        40562        15855        11622

   TOTAL                                   80261        43871        74546        47752       205077
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                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

AQCR EMISSIONS REPORT                                                                        RUN DATE:    MONDAY  NOVEMBER 28, 1983
****************************                                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON                                   POINT EMISSIONS AS OF:   MONDAY         JULY 11, 1983

                                 PARTICULATES         SOX                NOX                VOC                CO
                                 ************    ************       ************       ************       ************
                                  TONS / YR       TONS / YR          TONS / YR          TONS / YR          TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 5              25                  0                  5                 74
            BITUMINOUS COAL               254             965                 50                168               1523
            DISTILLATE OIL                 13             182                111                  3                 28
            NATURAL GAS                    25               4                851                 44                170
            WOOD                         5725              57                454              11885              35327
            TOTAL (RESIDENTIAL)          6022            1233               1466              12105              37122

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             46536          754196             267952               2645              10409
            RESIDUAL OIL                    0             245                 99                  5                 14
            DISTILLATE OIL                  7             184                 71                  5                 21
            TOTAL (ELEC GEN)            46543          754625             268122               2655              10444

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              150            1134                314                  0                 39
                POINT SOURCES           11350           23024               3836                 88                309
            RESIDUAL OIL
                AREA SOURCES                0               1                  0                  0                  0
                POINT SOURCES               9             107                  6                  0                  0
            DISTILLATE OIL
                AREA SOURCES               18             217                246                  7                 57
                POINT SOURCES              54            1759                458                 18                 72
            NATURAL GAS
                AREA SOURCES               20               4               5525               1756                673
                POINT SOURCES              44              13               1616                 41                264
            PROCESS GAS
                POINT SOURCES              18            4062                120                  3                 31
            COKE
                POINT SOURCES            1152             962                 52                  0                  1
            LIQUID PETROL GAS
                POINT SOURCES               0               0                  9                  0                  2
            OTHER
                POINT SOURCES               4               0                  0                  0                  0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              188            1356               6085               1763                769
                POINT SOURCES           12631           29927               6097                150                679

        COMM-INSTITUTIONAL FUEL
```

```
          NATURAL GAS
              AREA SOURCES                     1              0             45              2              9
          TOTAL (COMM-INST)
              AREA SOURCES                    14             79             84              2             17
              POINT SOURCES                  113            247             92              5             13

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                  1548            957            955           3053           9406
              POINT SOURCES                 1729          16825           9472             63            266

  INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

          DISTILLATE OIL                      24             22            330             26             72
          TOTAL (INDUSTRIAL)                  24             22            330             26             72

      TOTAL (INTERNAL COMB)                   24             22            330             26             72

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  1548            957            955           3053           9406
              POINT SOURCES                 1753          16847           9802             89            338

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                      79              0              0            496            394
  MINERAL PRODUCTS                           941            141            987              4              6
  WOOD PRODUCTS                              284            634            200              0           4058
  ORGANIC SOLVENT EVAPORATION                  0              0              0             85              0
  OTHER/NOT CLASSIFIED                        71              6              0            154              0
  TOTAL (INDUSTRIAL)                        1375            781           1187            739           4458

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                     2              0              0              5             18
      OPEN BURNING                           895             33            229           1208           3832
      TOTAL (RESIDENTIAL)                    897             33            229           1213           3850

  COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
              AREA SOURCES                     4              0              2              8             21
      TOTAL (COMM-INST)
              AREA SOURCES                     4              0              2              8             21

  INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                     2              0              0              2              4
              POINT SOURCES                    0              1              1             29              2
      OPEN BURNING
              AREA SOURCES                    17              1              6             30            105
      TOTAL (INDUSTRIAL)
              AREA SOURCES                    19              1              6             32            109
              POINT SOURCES                    0              1              1             29              2

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES                   920             34            237           1253           3980
              POINT SOURCES                    0              1              1             29              2

TRANSPORTATION (AREA)
```

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SELECT CARD = <      128                                                                   60>
STATE 24 COUNTY 1540 NOT FOUND IN POINT FILE
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*** L10 ***
                                                                                                   *** L10 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
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                                          ENVIRONMENTAL PROTECTION AGENCY
AQCR EMISSIONS REPORT                     *******************************
*************************
AQCR:151 NORTHEAST PENNSYL                                          RUN DATE:   MONDAY  NOVEMBER 28, 198
                     ***                                AREA EMISSIONS AS OF:  TUESDAY  NOVEMBER 22, 198
                     LVANIA-UPPER DELAWARE VALLEY      POINT EMISSIONS AS OF:   MONDAY      JULY 11, 198

                              PARTICULATES        SOX          NOX            VOC           CO
                              ************   ************  ************  ************  ************
FUEL COMBUSTION                TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (

            ANTHRACITE COA(AREA)
            BITUMINOUS COA
            DISTILLATE OILAL              1692          4617           509          1692         15225
            NATURAL GAS   AL               408          1947            80           274          2460
            WOOD                           411          4738          2959           114           824
            TOTAL (RESIDEN                  40             8          1327            72           264
                                         13523           146          1066         28082         83461
        ELEC GENERATION (PNTIAL)         16074         11456          5961         30234        102234

            ANTHRACITE COAPOINT)
            BITUMINOUS COA
            RESIDUAL OIL  AL                26          3033          2000             8            67
            DISTILLATE OILAL               607         87460         31419            76           649
            NATURAL GAS                   2409         30077         16249           169          1051
            OTHER                            7           191           130             1            28
            TOTAL (ELEC GE                   0             7             5             0             1
                                             2             0             1             0             1
        IN  STRIAL FUEL   EN)             3051        120768         49804           254          1797


            ANTHRACITE COA
                POINT SOUR
            BITUMINOUS COAL
                POINT SOURCES              145           955           344            20            42
            RESIDUAL OIL  AL
                POINT SOURCES              400          1264           133            14            65
            DISTILLATE OIL
                AREA SOURCCES              945         12923          3987            40           363
                POINT SOUR
            NATURAL GAS   ES                70           693           780            26           185
                AREA SOURCCES               22           485            95             2            22
                POINT SOUR
            PROCESS GAS   ES                43             7          8788          2703          1108
                POINT SOURCES              269          3994          2216            93           445
            WOOD
                POINT SOURCES              111           126          1021             6           473
            OTHER
                POINT SOURCES               10             5           102            51           146
            TOTAL (INDUSTR
                AREA SOURCCES              147          2944             0             0             0
                POINT SOURIAL)
                          ES               113           700          9568          2729          1293
        COMM-INSTITUTIONALCES             2049         22696          7898           226          1556

                          FUEL
        ON SITE INCINERATION
                AREA SOURCES                  42             7             7            37            57
                POINT SOURCES                  9             0             2             6            68
        OPEN BURNING
                AREA SOURCES                  37             0            14            64           225
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  79             7            21           101           282
                POINT SOURCES                  9             0             2             6            68

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1946           109           500          2691          8365
                POINT SOURCES                 26             8            12            16            95

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        20928           924         19922         23180        222936
            LIGHT DUTY TRUCKS           4715           296          5989          6772         56548
            HEAVY DUTY VEHICLES         1382           119          3792          4422         69872
            OFF HIGHWAY                   83            43           913          2427         30688
            TOTAL (GASOLINE)           27108          1382         30616         36801        380044

        DIESEL

            HEAVY DUTY VEHICLES         4342          1895         17256          2347          7214
            OFF HIGHWAY                  220           173          2075           316           627
            RAIL                          97           219          1420           345           497
            TOTAL (DIESEL)              4659          2287         20751          3008          8338

    AIRCRAFT

        MILITARY                          23             1            12            27            56
        CIVIL                              7             1            33            96          1926
        COMMERCIAL                        30            69           713           632          1964
        TOTAL (AIRCRAFT)                  60            71           758           755          3946

    VESSELS

        GASOLINE                           0             1            10           214           770
        TOTAL (VESSELS)                    0             1            10           214           770

    TOTAL (TRANSPORTATION)             31827          3741         52135         40778        393098

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     290             2            67           327          2397
    FOREST MANAGED BURNING               556             3           112           398          3114
    STRUCTURAL FIRES                     299             0            28           223          1220
    GASOLINE STA EVAP LOSS                 0             0             0          5133             0
    SOLVENT EVAPORATION LOSS               0             0             0         21612             0
    UNPAVED ROADS                      46663             0             0             0             0
    UNPAVED AIRSTRIPS                     22             0             0             0             0
    TOTAL (MISCELLANEOUS)              47830             5           207         27693          6731

GRAND TOTAL
***********

    AREA SOURCES                       86626          7718         59307         81116        435938

    POINT SOURCES                      33780        106543         50175         22917         22762
```

```
SELECT CARD = <      193                                                                       40>
```

```
    AGRICULTURAL BURNING              772          0        109        713       5132
    STRUCTURAL FIRES                  377          0         31        281       1528
    GASOLINE STA EVAP LOSS              0          0          0       9024          0
    SOLVENT EVAPORATION LOSS            0          0          0      21814          0
    UNPAVED ROADS                  133169          0          0          0          0
    UNPAVED AIRSTRIPS                   5          0          0          0          0
    TOTAL (MISCELLANEOUS)          152595        138       3836      45407     112187

GRAND TOTAL
***********

    AREA SOURCES                   219897      13435      91932     138686     769001

    POINT SOURCES                   34467     193472      67215      39568     136197

    TOTAL                          254364     206907     159147     178254     905198
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

                                                                       RUN DATE:           MONDAY   NOVEMBER 28, 1983
AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:           TUESDAY   NOVEMBER 22, 1983
*********************                                    POINT EMISSIONS AS OF:            MONDAY       JULY 11, 1983
AQCR:062 EASTERN WASHINGTON-NORTHERN IDAHO

                              PARTICULATES        SOX             NOX             VOC             CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 72             177              14              48             433
         DISTILLATE OIL                  29             515             197               5              54
         NATURAL GAS                      9               1             308              15              63
         WOOD                          3919              40             311            8132           24177
         TOTAL (RESIDENTIAL)           4029             733             830            8200           24727

      ELEC GENERATION (POINT)

         RESIDUAL OIL                    33              52              54               1               2
         NATURAL GAS                      1               0             177               0              11
         TOTAL (ELEC GEN)                34              52             231               1              13

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 78             288             115               0              14
            POINT SOURCES               356             435             632               1              11
         RESIDUAL OIL
            AREA SOURCES                 73             904             208               1              18
         DISTILLATE OIL
            AREA SOURCES                 14             271             160               4              37
         NATURAL GAS
            AREA SOURCES                  6               1            1048             296             128
            POINT SOURCES                31               1             977               4              91
         WOOD
            POINT SOURCES              1275              65             941             896            2048
         TOTAL (INDUSTRIAL)
            AREA SOURCES                171            1464            1531             301             197
            POINT SOURCES              1662             501            2550             901            2150

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 87             238              60               1              35
         RESIDUAL OIL
            AREA SOURCES                 30             389              88               1               8
            POINT SOURCES                 4              33               7               0               1
         DISTILLATE OIL
            AREA SOURCES                  2              64              24               0               5
            POINT SOURCES                 0               6               0               0               0
         NATURAL GAS
            AREA SOURCES                  4               1             193               9              39
            POINT SOURCES                 2               0             123               1              13
```

```
                POINT SOURCES              0            6            2            0            1
            NATURAL GAS
                AREA SOURCES               4            1          134            8           27
                POINT SOURCES              0            0            9            1            1
            TOTAL (COMM-INST)
                AREA SOURCES              52          243          204            9           52
                POINT SOURCES            121          117           41            2            5

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            1034          532          947         2080         6019
                POINT SOURCES           2040        37966        12479          232          866

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 0            3            7            0            2
            NATURAL GAS                    0            0            1            0            0
            OTHER                          0            0            1            0            0
            TOTAL (ELEC GEN)               0            3            9            0            2

        INDUSTRIAL FUEL

            GASOLINE                       0            0            1            1           40
            TOTAL (INDUSTRIAL)             0            0            1            1           40

        TOTAL (INTERNAL COMB)              0            3           10            1           42

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1034          532          947         2080         6019
                POINT SOURCES           2040        37969        12489          233          908

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               270         1524            0            0            0
    FOOD/AGRICULTURAL                   2045            0            0            2           15
    SECONDARY METALS                     137           25            3            0         4933
    MINERAL PRODUCTS                     132            3            1            3            1
    ORGANIC SOLVENT EVAPORATION            0            0            1          450            0
    TOTAL (INDUSTRIAL)                  2584         1552            5          455         4949

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             170            1            7          480         1439
        OPEN BURNING                     386           15           99          519         1645
        TOTAL (RESIDENTIAL)              556           16          106          999         3084

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              53           17           25           31           74
        TOTAL (COMM-INST)
                AREA SOURCES              53           17           25           31           74

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              13            2            2           12           19
                POINT SOURCES              0            0            0            1            3
        OPEN BURNING
                AREA SOURCES               2            0            1            3           10
```

```
                                                                                                   *** M04 ***
*** M04 ***
        ON SITE INCINERATION
                AREA SOURCES              14          2          2         14         24
                POINT SOURCES             31          1          4         36        415
        OPEN BURNING
                AREA SOURCES              12          0          6         18         60
        TOTAL (INDUSTRIAL)
                AREA SOURCES              26          2          8         32         84
                POINT SOURCES             31          1          4         36        415

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1048         38        255       1518       4760
                POINT SOURCES             37          3         11         95       1110

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         6999        376       8279       8535      80280
            LIGHT DUTY TRUCKS           2419        180       3709       3668      29778
            HEAVY DUTY VEHICLES          649         71       2344       2187      35101
            OFF HIGHWAY                   39         20        458       1213      15351
            TOTAL (GASOLINE)           10106        647      14790      15603     160510

        DIESEL

            HEAVY DUTY VEHICLES         1471        738       6646        781       2374
            OFF HIGHWAY                  187        145       1766        266        536
            RAIL                         195        444       2891        701       1016
            TOTAL (DIESEL)              1853       1327      11303       1748       3926

    AIRCRAFT

        MILITARY                         762         49        391        896       1850
        CIVIL                              0          0          9         29        625
        COMMERCIAL                         2          5         55         49        151
        TOTAL (AIRCRAFT)                 764         54        455        974       2626

    VESSELS

        DIESEL FUEL                      223        283       2086        522        731
        GASOLINE                           0         20        111       2467       8802
        TOTAL (VESSELS)                  223        303       2197       2989       9533

    TOTAL (TRANSPORTATION)             12946       2331      28745      21314     176595

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1011          8        239       1142       8320
    STRUCTURAL FIRES                     116          0          9         88        474
    GASOLINE STA EVAP LOSS                 0          0          0       1896          0
    SOLVENT EVAPORATION LOSS               0          0          0       5084          0
    UNPAVED ROADS                      28748          0          0          0          0
    TOTAL (MISCELLANEOUS)              29875          8        248       8210       8794

GRAND TOTAL
***********

    AREA SOURCES                       50276       6105      31371      43292     227156

    POINT SOURCES                      18180     589263     159436       5692       6867
```

```
                                                                                                                     *** MO5 ***
*** MO5 ***
       ON SITE INCINERATION                                                                    3 34          80
              AREA SOURCES             58              19               28                        1           5
              POINT SOURCES             1               1                1
       OPEN BURNING                                                      1                        5          13
              AREA SOURCES              2               0
       TOTAL (COMM-INST)                                                                       3 39          93
              AREA SOURCES             60              19               29                        1           5
              POINT SOURCES             1               1                1

    INDUSTRIAL

       ON SITE INCINERATION                                                                    5 53          79
              AREA SOURCES             59              12               12                        3           1
              POINT SOURCES             1               3               14
       OPEN BURNING                                                                            5 56         199
              AREA SOURCES             32               1               11                     1 10          28
              POINT SOURCES             5               0                2
       TOTAL (INDUSTRIAL)                                                                     10 09         278
              AREA SOURCES             91              13               23                    1 13           29
              POINT SOURCES             6               3               16

    TOTAL (SOLID WASTE DISP)                                                                  277
              AREA SOURCES           1951              96              482                   1073          8632
              POINT SOURCES            10               7              207                     09            36

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE
                                                                       12366                 1791
          LIGHT DUTY VEHICLES       18282             568               2866                 3962        190818
          LIGHT DUTY TRUCKS          3320             144               2203                 3272         37389
          HEAVY DUTY VEHICLES        1061              74                509                 1374         51034
          OFF HIGHWAY                  46              24              17944                26503         17113
          TOTAL (GASOLINE)          22709             810                                       1        296354

       DIESEL
                                                                       14463                  221
          HEAVY DUTY VEHICLES        4057            1569               1161                  179          6893
          OFF HIGHWAY                 121              95               5418                 1374           345
          RAIL                        366             835              21022                 3706          1903
          TOTAL (DIESEL)             4544            2499                                       9          9141

    AIRCRAFT
                                                                          19                    4
       MILITARY                        37               2                 24                    3            89
       CIVIL                            6               3                388                  345          1503
       COMMERCIAL                      16              37                431                  4 6          1069
       TOTAL (AIRCRAFT)                59              42                                       2          2661

    VESSELS
                                                                         283
       DIESEL FUEL                     30              38                  5                  1 1            99
       GASOLINE                         0               1                288                  1 0           356
       TOTAL (VESSELS)                 30              39                                       1           455

    TOTAL (TRANSPORTATION)          27342            3390              39685                 308           308611
                                                                                                3
MISCELLANEOUS (AREA)
********************
                                                                          12
    FOREST WILDFIRES                   55               0                 22                    1           447
    STRUCTURAL FIRES                  237               0                  0                  39 2          962
    GASOLINE STA EVAP LOSS              0               0                                       7             0
                                                                                                5
```

```
*** M06 ***                                                                                                   *** M06 ***
SELECT CARD = <      086                                                            40>
```

```
            ANTHRACITE COAL
                AREA SOURCES                 14           52           17            0            0
            BITUMINOUS COAL
                AREA SOURCES                 84          503           88            2           51
                POINT SOURCES               129          645           99            4           13
            RESIDUAL OIL
                AREA SOURCES                  3           59           12            0            0
            DISTILLATE OIL
                AREA SOURCES                  4           89           61            0           15
            NATURAL GAS
                AREA SOURCES                  5            1          214           12           42
                POINT SOURCES                 0            0            2            0            1
            TOTAL (COMM-INST)
                AREA SOURCES                110          704          392           14          108
                POINT SOURCES               129          645          101            4           14

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               6320         3293         7943        13882        37999
                POINT SOURCES             59303       785197       274320         2809        11137

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    8            7          117            9           25
            TOTAL (ELEC GEN)                  8            7          117            9           25

        TOTAL (INTERNAL COMB)                 8            7          117            9           25

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               6320         3293         7943        13882        37999
                POINT SOURCES             59311       785204       274437         2818        11162

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   95            2            0          750            0
    FOOD/AGRICULTURAL                        10            0            0            0            0
    PRIMARY METAL                          5574         3095           20         2219         4996
    SECONDARY METALS                        584           99           17            0         1360
    MINERAL PRODUCTS                       2594         1566         2964           65         1096
    PETROLEUM INDUSTRY                       74         4058         1693           93          391
    WOOD PRODUCTS                             2            0            0            0            0
    PETROLEUM STORAGE/TRANSPORT              28            0            0         1061            0
    METAL FABRICATION                        10            0            0            0            0
    OTHER/NOT CLASSIFIED                      0           53            0            0            0
    TOTAL (INDUSTRIAL)                     8971         8873         4694         4188         7843

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                175            2            5          495         1495
        OPEN BURNING                       1037           37          263         1398         4432
        TOTAL (RESIDENTIAL)                1212           39          268         1893         5927

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 43           12           20           25           63
                POINT SOURCES                 0            0            0            0            1
        OPEN BURNING
                AREA SOURCES                  1            0            0            2            4
        TOTAL (COMM-INST)
```

```
*** M08 ***                                                                                          *** M08 ***
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         4385        189       4098       4841      47544
            LIGHT DUTY TRUCKS           1332         82       1693       1885      16149
            HEAVY DUTY VEHICLES          240         24        769        789      12574
            OFF HIGHWAY                   14          7        155        411       5204
            TOTAL (GASOLINE)            5971        302       6715       7926      81471

        DIESEL

            HEAVY DUTY VEHICLES          648        314       2832        346       1054
            OFF HIGHWAY                   76         59        708        108        213
            RAIL                          21         48        314         75        110
            TOTAL (DIESEL)               745        421       3854        529       1377

    AIRCRAFT

        MILITARY                          34          2         17         39         81
        CIVIL                              2          1          9         28        587
        COMMERCIAL                         1          3         35         31         96
        TOTAL (AIRCRAFT)                  37          6         61         98        764

    VESSELS

        GASOLINE                           0          2          8        182        650
        TOTAL (VESSELS)                    0          2          8        182        650

    TOTAL (TRANSPORTATION)              6753        731      10638       8735      84262

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     719          6        169        811       5916
    STRUCTURAL FIRES                      76          0          6         57        305
    GASOLINE STA EVAP LOSS                 0          0          0       1314          0
    SOLVENT EVAPORATION LOSS               0          0          0       3150          0
    UNPAVED ROADS                      13118          0          0          0          0
    TOTAL (MISCELLANEOUS)              13913          6        175       5332       6221

GRAND TOTAL
***********

    AREA SOURCES                       23134       1728      12005      18373     103869

    POINT SOURCES                       3128      17629      10990        857       4798

    TOTAL                              26262      19357      22995      19230     108667
```

```
*** M09 ***                                                                                                                  *** M09 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                 ********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

AQCR EMISSIONS REPORT                                                                           RUN DATE:     MONDAY  NOVEMBER 28, 1983
*****************************                                                       AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
AQCR:128 SOUTHEAST MINNESOTA-LA CROSSE                                             POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                                     PARTICULATES      SOX               NOX               VOC                CO
                                     ************      ************      ************      ************       ************
                                      TONS / YR         TONS / YR         TONS / YR         TONS / YR          TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                    117              1361               849                 31               235
            NATURAL GAS                        44                 1              1396                 74               282
            WOOD                            13314               141              1054              27641             82145
            TOTAL (RESIDENTIAL)             13475              1503              3299              27746             82662

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  1222             62022             25867                122               809
            LIGNITE                           281               167                43                  0                11
            RESIDUAL OIL                       14               249                57                  1                 4
            DISTILLATE OIL                      0                46                12                  0                 2
            NATURAL GAS                         6                 0              1149                  3                84
            OTHER                               1                 0                 5                  3                 8
            TOTAL (ELEC GEN)                 1522             62484             27133                129               918

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                    9                86                17                  0                 0
                POINT SOURCES                1364              2607               484                102               402
            RESIDUAL OIL
                POINT SOURCES                 241              4367               738                  4                62
            DISTILLATE OIL
                AREA SOURCES                    6                91               102                  1                25
                POINT SOURCES                   6               249                75                  0                 9
            NATURAL GAS
                AREA SOURCES                   20                 0              3804               1085               467
                POINT SOURCES                 152               852               770                 32               176
            WOOD
                POINT SOURCES                 113                17               136                 31                31
            LIQUID PETROL GAS
                POINT SOURCES                   0                 2                10                  0                 1
            OTHER
                POINT SOURCES                   1                 0                29                  1                 5
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   35               177              3923               1086               492
                POINT SOURCES                1877              8094              2242                170               686

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                    0                 3                 0                  0                 0
```

```
                                                                                                             *** M10 ***
          ANTHRACITE CO
              AREA SOUR(
              POINT SOUIAL
          BITUMINOUS CO(CES               349            1151            615              2             21
              AREA SOURRCES                58             867            321              2             19
          RESIDUAL OIL  AL
              AREA SOURCES                 43             313             45              0             26
              POINT SOU
          DISTILLATE OICES                 52             223            154              3             14
              AREA SOURRCES                47             886            147              2             13
              POINT SOUL
          NATURAL GAS   CES                34             494            344              2             86
              AREA SOURRCES                 0              17              8              0              0
              POINT SOU
          WOOD          CES                21               6            789             41            158
              POINT SOURCES                66              13           2208            117            442
          OTHER
              POINT SOURCES               376             439            457            117           2110
          TOTAL (COMM-I
              AREA SOURRCES                16               6           3532            137            981
              POINT SOUNST)
                        CES               499            2185           1747             48            305
      TOTAL (EXTERNAL C(RCES              563            2228           6673            375           3565
              AREA SOUR(
              POINT SOUOMB)
                        CES             16686           16361          17256          33011         103832
  INTERNAL COMBUSTION (RCES              5663          145692          64375            855           6918

      ELECTRIC GENERATIPOINT)

          DISTILLATE OION
          NATURAL GAS
          OTHER         L                  13             561            611             43            208
          TOTAL (ELEC G                    51             219           1244             58            345
                                            0               0              3              0              1
      INDUSTRIAL FUEL  EN)                 64             780           1858            101            554

          NATURAL GAS
          TOTAL (INDUST
                                            2               1            290              8             38
      TOTAL (INTERNAL C(RIAL)               2               1            290              8             38

  TOTAL (FUEL COMBUSTIOOMB)                66             781           2148            109            592

              AREA SOURN)
              POINT SOU
                        CES             16686           16361          17256          33011         103832
INDUSTRIAL PROCESS (POINTRCES            5729          146473          66523            964           7510
**************************
                        )
  CHEMICAL MANUFACTURIN
  FOOD/AGRICULTURAL
  PRIMARY METAL         G                4905            7938            592           5531              9
  SECONDARY METALS                       5214               0              0              0              0
  MINERAL PRODUCTS                       3029            4928            329           2115          59011
  WOOD PRODUCTS                          2404            1076             81              6          21372
  ORGANIC SOLVENT EVAPO                  8427           13192           6300           1783            170
  PETROLEUM STORAGE/TRA                  2316             198              0             64              0
  METAL FABRICATION     RATION             54               0              0          16812              0
  TEXTILE MANUFACTURINGNSPORT              65               0              0          54025              0
  OTHER/NOT CLASSIFIED                    734               0              0             37              0
  TOTAL (INDUSTRIAL)                      171               0              0            541              0
                                          145            6363              0            111              0
SOLID WASTE DISPOSAL                    27464           33693           7302          81025          80562
```

TOTAL	120406	114261	109482	104031	458700

```
*** M12 ***                                                                                              *** M12 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
*****************************                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:193 PORTLAND                                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                                  PARTICULATES         SOX              NOX              VOC              CO
                                  ************    ************     ************     ************     ************
                                   TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 24              53                3               15              138
            DISTILLATE OIL                 113            3192              821               32              227
            NATURAL GAS                     22               4              786               62              158
            WOOD                         10470             112              825            21736            64606
            TOTAL (RESIDENTIAL)          10629            3361             2435            21825            65129

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              42071           63420            84395              176             1689
            LIGNITE                        104               0                0                0                0
            DISTILLATE OIL                  72              19               12                0                2
            TOTAL (ELEC GEN)             42247           63439            84407              176             1691

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               568            3681             1446                3              166
            RESIDUAL OIL
                AREA SOURCES               313            3892              897                5               81
                POINT SOURCES              944           13576             3581               23              191
            DISTILLATE OIL
                AREA SOURCES                95            2166             1070               36              253
                POINT SOURCES               24              10                4                0                2
            NATURAL GAS
                AREA SOURCES                12               2             5350             1981              708
                POINT SOURCES              129              53             4682               65              354
            PROCESS GAS
                AREA SOURCES                 0               1                1                0                0
                POINT SOURCES                0              64                0                0                0
            WOOD
                AREA SOURCES                85               6               85               69              163
                POINT SOURCES             5682             144            14944             3812             5531
            LIQUID PETROL GAS
                POINT SOURCES                0               0                3                0                0
            OTHER
                POINT SOURCES              123              39              111               16               13
            TOTAL (INDUSTRIAL)
                AREA SOURCES              1073            9748             8849             2076             1371
                POINT SOURCES             6902           13886            23325             3916             6091

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
```

```
SELECT CARD = <       053                                                                40>
STATE 11 COUNTY 0680 NOT FOUND IN POINT FILE
STATE 11 COUNTY 2980 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4540 NOT FOUND IN POINT FILE
STATE 11 COUNTY 4800 NOT FOUND IN POINT FILE
```

```
          TOTAL (COMM-INST)
              AREA SOURCES               123             692             365              11              87
              POINT SOURCES                6              39             130               1              14

      TOTAL (EXTERNAL COMB)
              AREA SOURCES              4323            2889            2726            8512           25011
              POINT SOURCES             1702             592            2911             903            2177

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                   0               1               1               0               0
          TOTAL (ELEC GEN)                 0               1               1               0               0

      TOTAL (INTERNAL COMB)                0               1               1               0               0

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES              4323            2889            2726            8512           25011
              POINT SOURCES             1702             593            2912             903            2177

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                643               0               1               2              19
   FOOD/AGRICULTURAL                    1259               0               1               1              10
   PRIMARY METAL                        4698           37699              51               0           57575
   SECONDARY METALS                      185               1               1               0             109
   MINERAL PRODUCTS                      558              14               7              15               8
   WOOD PRODUCTS                        1287             244             411               1            8417
   ORGANIC SOLVENT EVAPORATION             0               0               0               2               0
   PETROLEUM STORAGE/TRANSPORT             0               0               0            1971               0
   TOTAL (INDUSTRIAL)                   8630           37958             472            1992           66138

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION             1254              20              39            3527           10582
       OPEN BURNING                     1295              46             333            1746            5540
       TOTAL (RESIDENTIAL)              2549              66             372            5273           16122

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES                23               8              10              14              36
       OPEN BURNING
              AREA SOURCES                 1               0               0               2               4
              POINT SOURCES                7               0               2               9              55
       TOTAL (COMM-INST)
              AREA SOURCES                24               8              10              16              40
              POINT SOURCES                7               0               2               9              55

   INDUSTRIAL

       ON SITE INCINERATION
              AREA SOURCES                 9               1               1               9              15
              POINT SOURCES             18[illegible]               3              33             347            4099
       OPEN BURNING
              AREA SOURCES                 8               0               3              13              45
       TOTAL (INDUSTRIAL)
              AREA SOURCES                17               1               4              22              60
              POINT SOURCES              135               3              33             347            4099
```

```
*** NO3 ***                                                                                                                   *** NO3 ***
          TOTAL (INDUSTRIAL)
                    AREA SOURCES              15              2              3             15             29
                    POINT SOURCES              0              0              0              1              3

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES             624             35            134           1045           3187
                    POINT SOURCES              0              0              0              1              3

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES          2822            127           2811           3198          32169
               LIGHT DUTY TRUCKS             985             63           1326           1468          12786
               HEAVY DUTY VEHICLES           325             32           1020           1090          17297
               OFF HIGHWAY                    13              8            141            374           4733
               TOTAL (GASOLINE)             4145            230           5298           6130          66985

          DIESEL

               HEAVY DUTY VEHICLES           759            344           3120            408           1252
               OFF HIGHWAY                   192            151           1801            273            545
               RAIL                           37             84            540            132            189
               TOTAL (DIESEL)                988            579           5461            813           1986

     AIRCRAFT

          MILITARY                             1              0              0              1              2
          CIVIL                                2              1             11             33            670
          COMMERCIAL                           2              5             50             44            137
          TOTAL (AIRCRAFT)                     5              6             61             78            809

     VESSELS

          DIESEL FUEL                          4              5             37             10             13
          GASOLINE                             0             14             79           1745           6218
          TOTAL (VESSELS)                      4             19            116           1755           6231

     TOTAL (TRANSPORTATION)                 5142            834          10936           8776          76011

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                         18              0              5             22            159
     STRUCTURAL FIRES                         57              0              6             41            231
     GASOLINE STA EVAP LOSS                    0              0              0            748              0
     SOLVENT EVAPORATION LOSS                  0              0              0           2763              0
     UNPAVED ROADS                         54731              0              0              0              0
     TOTAL (MISCELLANEOUS)                 54806              0             11           3574            390

GRAND TOTAL
***********

     AREA SOURCES                          61606           1401          12028          15475          85607

     POINT SOURCES                          4624          39521          12494            689           5860

     TOTAL                                 66230          40922          24522          16164          91467
```

```
*** N04 ***                                                                                                      *** N04 ***
    TOTAL                           68456          595368          190807          48984          234023
```

```
*** N05 ***                                                                     1341
    SOLVENT EVAPORATION LOSS                 0              0              0              *** N05 ***
    UNPAVED ROADS                        10940              0              0    1759              0
    TOTAL (MISCELLANEOUS)                11232              0             34                      0
                                                                                              1409
GRAND TOTAL
***********
                                                                                5511
     AREA SOURCES                        44405          18560          46413
                                                                                101         330843
     POINT SOURCES                        8601         163926          44813
                                                                                652           2593
     TOTAL                               53006         182486          91226
                                                                                            333436
```

```
*** N06 ***                                                                                              *** N06 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

AQCR EMISSIONS REPORT                                                         RUN DATE:    MONDAY  NOVEMBER 28, 1983
***********************                                           AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:086 METROPOLITAN SIOUX CITY                                 POINT EMISSIONS AS OF:    MONDAY      JULY 11, 1983

                              PARTICULATES        SOX            NOX             VOC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                3              6              0              1             11
         DISTILLATE OIL                 5             60             38              2             10
         NATURAL GAS                    8              1            282             15             57
         WOOD                          70              0              6            146            434
         TOTAL (RESIDENTIAL)           86             67            326            164            512

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              704          34068          39309            131           1123
         DISTILLATE OIL                 0             90             16              0              3
         NATURAL GAS                    0              0            161              0             12
         TOTAL (ELEC GEN)             704          34158          39486            131           1138

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              16             88             43              0              5
         RESIDUAL OIL
             AREA SOURCES               0              1              0              0              0
             POINT SOURCES             35             86             30              1              0
         DISTILLATE OIL
             AREA SOURCES               0              2              2              0              0
             POINT SOURCES              6             48             11              3              2
         NATURAL GAS
             AREA SOURCES               0              0            357            142             49
             POINT SOURCES             54              1            895             99             40
         LIQUID PETROL GAS
             POINT SOURCES              0              0              2              0              1
         TOTAL (INDUSTRIAL)
             AREA SOURCES              16             91            402            142             54
             POINT SOURCES             95            135            938            103             43

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES              10             35             13              0              1
         BITUMINOUS COAL
             AREA SOURCES              49            211             36              1             21
         RESIDUAL OIL
             AREA SOURCES               0              8              1              0              0
         DISTILLATE OIL
             AREA SOURCES               2             38             27              0              7
```

```
*** N07 ***                                                                                                                 *** N07 ***
                AREA SOURCES                  44                12                20                27                67
                POINT SOURCES                  0                 0                 0                 0                 1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  15                 3                 3                15                24
                POINT SOURCES                 70                 1                10               108              1245
        OPEN BURNING
                AREA SOURCES                  16                 0                 8                25                85
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  31                 3                11                40               109
                POINT SOURCES                 70                 1                10               108              1245

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1287                54               299              1960              6103
                POINT SOURCES                 70                 1                10               108              1246

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             7335               422              9577              9881             89841
            LIGHT DUTY TRUCKS               2661               215              4487              4319             34191
            HEAVY DUTY VEHICLES              807                91              3053              2742             44147
            OFF HIGHWAY                       33                20               402              1076             13590
            TOTAL (GASOLINE)               10836               748             17519             18018            181769

        DIESEL

            HEAVY DUTY VEHICLES             1454               755              6746               767              2324
            OFF HIGHWAY                      252               193              2370               359               714
            RAIL                             273               622              4027               981              1415
            TOTAL (DIESEL)                  1979              1570             13143              2107              4453

    AIRCRAFT

        MILITARY                               5                 0                 3                 6                12
        CIVIL                                  2                 1                21                63              1268
        COMMERCIAL                             3                 6                64                57               176
        TOTAL (AIRCRAFT)                      10                 7                88               126              1456

    VESSELS

        DIESEL FUEL                          115               143              1068               267               373
        GASOLINE                               0                 5                38               849              3029
        TOTAL (VESSELS)                      115               148              1106              1116              3402

    TOTAL (TRANSPORTATION)                 12940              2473             31856             21367            191080

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        7573                65              1783              8554             62365
    STRUCTURAL FIRES                         174                 0                15               128               704
    GASOLINE STA EVAP LOSS                     0                 0                 0              2482                 0
    SOLVENT EVAPORATION LOSS                   0                 0                 0              6752                 0
    UNPAVED ROADS                          80047                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                  87794                65              1798             17916             63069

GRAND TOTAL
***********
```

```
*** NOB ***                                                                                              *** NOB ***
SELECT CARD = <      120                                                          40>
```

```
          BITUMINOUS COAL
              POINT SOURCES               570          2025           175            43           191
          RESIDUAL OIL
              POINT SOURCES                39          2119           370            10            36
          DISTILLATE OIL
              AREA SOURCES                 15           247           175             0            41
              POINT SOURCES                27           155            37             8            30
          NATURAL GAS
              AREA SOURCES                 17             1           674            36           136
              POINT SOURCES                 6             1           896             9            94
          TOTAL (COMM-INST)
              AREA SOURCES                 32           251           849            36           177
              POINT SOURCES               640          4300          1478            70           351

      TOTAL (EXTERNAL COMB)
              AREA SOURCES              13542          1931          8071         28866         83331
              POINT SOURCES              4039         74878         30853           369          1955

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                   96          1322          1334           113           298
          NATURAL GAS                       3             2           565            19            76
          TOTAL (ELEC GEN)                 99          1324          1899           132           374

      INDUSTRIAL FUEL

          DISTILLATE OIL                    6             3            45             3            10
          NATURAL GAS                       1             0           268             6            38
          TOTAL (INDUSTRIAL)                5             3           313             9            48

      COMM-INSTITUTIONAL

          TOTAL (COMM-INST)                11            10           149            10            32

      TOTAL (INTERNAL COMB)               115          1337          2361           151           454

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES              13542          1931          8071         28866         83331
              POINT SOURCES              4154         76215         33216           520          2409

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                  943             1             1           177           144
  FOOD/AGRICULTURAL                     25731             0            11             1             8
  SECONDARY METALS                        122            27            12             5          3255
  MINERAL PRODUCTS                       1634            76            34            26            17
  WOOD PRODUCTS                             7             0             0             0             0
  ORGANIC SOLVENT EVAPORATION               1             0            28         19255             2
  PETROLEUM STORAGE/TRANSPORT               0             0             0          2589             0
  OTHER/NOT CLASSIFIED                      0             0             1           228             0
  TOTAL (INDUSTRIAL)                    28438           104            87         22281          3426

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                707             6            20          1990          5961
      OPEN BURNING                       1990            74           509          2687          8522
      TOTAL (RESIDENTIAL)                2697            80           529          4677         14483

  COMMERCIAL-INSTITUTIONAL
```

```
*** N10 ***
********************
                                                                                          *** N10 ***
    GOVERNMENT (POINT)

        OTHER INCINERATION
        TOTAL (GOVERNMENT)
                                   0            0            1            0            0
    RESIDENTIAL (AREA)             0            0            1            0            0

        ON SITE INCINERATI
        OPEN BURNING
        TOTAL (RESIDENTIALON      70            0            2          198          594
                                3372          126          862         4548        16427
    COMMERCIAL-INSTITUTION)     3442          126          864         6746        15021

        ON SITE INCINERATIAL
                AREA SOURC
                POINT SOURON
        OPEN BURNING      ES     151           48           71           88          209
                POINT SOURCES      4            4           10            2           12
        TOTAL (COMM-INST)
                AREA SOURCCES     17            0            4           24          140
                POINT SOUR
                          ES     151           48           71           88          209
    INDUSTRIAL            CES     21            4           14           26          152

        ON SITE INCINERATI
                AREA SOURC
                POINT SOURON
        TOTAL (INDUSTRIAL)ES      15            2            2           14           25
                AREA SOURCCES     60           21           46           33           63
                POINT SOUR
                          ES      15            2            2           14           25
    TOTAL (SOLID WASTE DISCES     60           21           46           33           63
                AREA SOURC
                POINT SOURP)
                          ES    3608          176          937         4848        15255
TRANSPORTATION (AREA)     CES     81           25           61           59          215
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEH
            LIGHT DUTY TRUICLES  35686         1598        35141        40624       398392
            HEAVY DUTY VEHCKS     7680          497        10238        11134        95116
            OFF HIGHWAY   ICLES   1894          174         5592         6147        97481
            TOTAL (GASOLIN         116           63         1289         3427        43330
                          E)     45376         2332        52260        61332       634319
        DIESEL

            HEAVY DUTY VEH
            OFF HIGHWAY   ICLES   4838         2234        20210         2598         7951
            RAIL                   582          454         5472          832         1653
            TOTAL (DIESEL)         253          575         3736          905         1311
                                  5673         3263        29418         4335        10915
    AIRCRAFT

        MILITARY
        CIVIL                       27            2           14           32           66
        COMMERCIAL                  12            7           61          187         3763
        TOTAL (AIRCRAFT)            14           32          337          297          926
                                    53           41          412          516         4755
    VESSELS
```

```
*** N11 ***                                                                                                              *** N11 ***
SELECT CARD = <      178                                                                     60>
```

```
          AREA SOURCES                  40          123           25            0           13
      RESIDUAL OIL
          AREA SOURCES                 296         3037          866           16           78
          POINT SOURCES                  0            4            1            0            0
      DISTILLATE OIL
          AREA SOURCES                  24          875          249            2           62
          POINT SOURCES                  6           85           77            2            5
      NATURAL GAS
          AREA SOURCES                  18            2          622           33          125
          POINT SOURCES                  3            0           37            1            9
      OTHER
          POINT SOURCES                  0            0            2            0            0
      TOTAL (COMM-INST)
          AREA SOURCES                 376         4037         1762           51          278
          POINT SOURCES                  9           89          117            3           14

    TOTAL (EXTERNAL COMB)
          AREA SOURCES               12078        17146        13046        23950        66778
          POINT SOURCES              49158        77414       107849         4091         7596

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                     7           64          160            0            8
      NATURAL GAS                        8            5           42            2            2
      TOTAL (ELEC GEN)                  15           69          202            2           10

    INDUSTRIAL FUEL

      NATURAL GAS                        9            0          249            4           78
      TOTAL (INDUSTRIAL)                 9            0          249            4           78

    TOTAL (INTERNAL COMB)               24           69          451            6           88

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES               12078        17146        13046        23950        66778
          POINT SOURCES              49182        77483       108300         4097         7684

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING              4718           91           41         1411         9011
  FOOD/AGRICULTURAL                   1069         1196            1          235            8
  PRIMARY METAL                       3557         4268          135         1178        51355
  SECONDARY METALS                     429          938           26          235         3500
  MINERAL PRODUCTS                    2696          185          101           61           10
  PETROLEUM INDUSTRY                     1            0            0            0            0
  WOOD PRODUCTS                       9259         4361        17032        10042        13353
  ORGANIC SOLVENT EVAPORATION          122            0            5         7183           18
  PETROLEUM STORAGE/TRANSPORT            0            0            0         5623            0
  METAL FABRICATION                     14            0            0            2            0
  TEXTILE MANUFACTURING                  4            0            0            0            0
  OTHER/NOT CLASSIFIED                 617          642          828         2079           87
  TOTAL (INDUSTRIAL)                 22486        11681        18169        28049        77342

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    MUNICIPAL INCINERATION              32            0           66           13           13
    OPEN BURNING                        11            0            3           18           79
    OTHER INCINERATION                  11            0            6            1            0
    TOTAL (GOVERNMENT)                  54            0           75           32           92
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         **********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         ***********************************

AQCR EMISSIONS REPORT                                                                    RUN DATE:    MONDAY   NOVEMBER 28, 1983
******************************                                               AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:053 AUGUSTA-AIKEN                                                      POINT EMISSIONS AS OF:    MONDAY       JULY 11, 1983

                              PARTICULATES         SOX                NOX                VOC                CO
                              ************     ************       ************       ************      ************
                               TONS / YR        TONS / YR          TONS / YR          TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 25               98                  4                 17               149
            DISTILLATE OIL                   2               38                 25                  0                 5
            NATURAL GAS                     14                2                516                 27               105
            WOOD                          4481               46                356               9302             27648
            TOTAL (RESIDENTIAL)           4522              184                901               9346             27907

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               1602            16619               6728                 22               192
            NATURAL GAS                      1                1                286                  2                22
            OTHER                         2551               14                302                183               431
            TOTAL (ELEC GEN)              4154            16634               7316                207               645

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               120              900                154                  0                21
                POINT SOURCES              427            10722               7579                 20               476
            RESIDUAL OIL
                POINT SOURCES              982             8599               1220                  4               110
            DISTILLATE OIL
                POINT SOURCES              142              436                162                  3                31
            NATURAL GAS
                AREA SOURCES                15                3               2086                480               244
                POINT SOURCES               93                5               2549                 20               246
            WOOD
                POINT SOURCES              589               30                358                 82                99
            TOTAL (INDUSTRIAL)
                AREA SOURCES               135              903               2240                480               265
                POINT SOURCES             2233            19792              11868                129               962

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 4               13                  4                  0                 0
            BITUMINOUS COAL
                AREA SOURCES                 6               32                  6                  0                 4
            RESIDUAL OIL
                POINT SOURCES               13              171                 30                  1                 3
            DISTILLATE OIL
                AREA SOURCES                 2               45                 33                  0                 7
                POINT SOURCES                3              181                 25                  0                 6
```

```
*** 002 ***                                                                                                   *** 002 ***
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               2590          75          386         5311         16222
                POINT SOURCES               192           3           35          356          6154

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            9102         352         7931        10554        105280
            LIGHT DUTY TRUCKS              4155         229         4875         6207         54476
            HEAVY DUTY VEHICLES             532          48         1397         1843         31440
            OFF HIGHWAY                      35          18          398         1057         13388
            TOTAL (GASOLINE)              13824         667        14601        19661        204584

        DIESEL

            HEAVY DUTY VEHICLES            1634         716         5403         1189          3278
            OFF HIGHWAY                     509         401         4801          731          1451
            RAIL                            155         351         2272          549           800
            TOTAL (DIESEL)                 2298        1468        12476         2469          5529

    AIRCRAFT

        MILITARY                            310          20          159          365           753
        CIVIL                                14           8           61          182          3647
        COMMERCIAL                           15          33          338          300           933
        TOTAL (AIRCRAFT)                    339          61          558          847          5333

    VESSELS

        DIESEL FUEL                           1           5           23            6            10
        GASOLINE                              0          11           71         1600          5697
        TOTAL (VESSELS)                       1          16           94         1606          5707

    TOTAL (TRANSPORTATION)                16462        2192        27729        24583        221153

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       9165          80         2156        10350         75471
    FOREST MANAGED BURNING                 3362          25          674         2403         18823
    AGRICULTURAL BURNING                   1023           0          146          943          6791
    STRUCTURAL FIRES                        151           0           14          114           613
    GASOLINE STA EVAP LOSS                    0           0            0         2598             0
    SOLVENT EVAPORATION LOSS                  0           0            0         6890             0
    UNPAVED ROADS                         25103           0            0            0             0
    UNPAVED AIRSTRIPS                       153           0            0            0             0
    TOTAL (MISCELLANEOUS)                 38957         105         2990        23298        101698

GRAND TOTAL
***********

    AREA SOURCES                          62332        5261        33831        61704        364084

    POINT SOURCES                         10524       38554         3419         3251         72469

    TOTAL                                 72856       43815        37250        64955        436553
```

```
*** 003 ***                                                                                                            *** 003 ***
SELECT CARD = <     069                                                                 40>
```

```
*** 004 ***
SELECT CARD = <     073                                                                        40>
SELECT CARD = <      079
STATE 15 COUNTY 3180 NOT FOUND IN POINT FILE
```

```
            NATURAL GAS
                AREA SOURCES                   4                 1               153                 8                31
            TOTAL (COMM-INST)
                AREA SOURCES                  65               293               230                 9                60

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                 167               451               958               315               626
                POINT SOURCES                799             34293             40422               234              1181

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     3                 0                 3                 0                 1
            NATURAL GAS                        0                 0                39                 1                 5
            TOTAL (ELEC GEN)                   3                 0                42                 1                 6

        INDUSTRIAL FUEL

            DISTILLATE OIL                     0                 0                 1                 0                 0
            NATURAL GAS                        0                 0                 8                 0                 3
            GASOLINE                           0                 0                 0                 1                16
            TOTAL (INDUSTRIAL)                 0                 0                 9                 1                19

        TOTAL (INTERNAL COMB)                  3                 0                51                 2                25

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 167               451               958               315               626
                POINT SOURCES                802             34293             40473               236              1206

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   114                 0                17               189                 0
    FOOD/AGRICULTURAL                       4165                 0                 0                 0                 0
    SECONDARY METALS                           3                 0                 0                 0                 0
    MINERAL PRODUCTS                        2627                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                      6909                 0                17               189                 0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 167                 1                 5               470              1611
        OPEN BURNING                         358                14                92               482              1527
        TOTAL (RESIDENTIAL)                  525                15                97               952              2938

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  56                18                27                33                78
        TOTAL (COMM-INST)
                AREA SOURCES                  56                18                27                33                78

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  14                 3                 3                13                19
                POINT SOURCES                  1                 0                 0                 0                 0
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  14                 3                 3                13                19
                POINT SOURCES                  1                 0                 0                 0                 0

    TOTAL (SOLID WASTE DISP)
```

```
   AREA SOURCES                         108341         5885        41896        55125       298251

   POINT SOURCES                         68352       794078       279141         7114        20251

   TOTAL                                176693       799963       321037        62239       318502
```

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                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                ********************************* :**

AQCR EMISSIONS REPORT                                                          RUN DATE:    MONDAY  NOVEMBER 28, 1983
*****************************                                      AREA EMISSIONS AS OF:   TUESDAY  NOVEMBER 22, 1983
AQCR:120 METROPOLITAN PROVIDENCE                                  POINT EMISSIONS AS OF:    MONDAY        JULY 11, 1983

                                   PARTICULATES          SOX                NOX                VOC               CO
                                   ************      ************       ************      ************      ************
                                    TONS / YR         TONS / YR          TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                  14                40                  4                14               136
            DISTILLATE OIL                  309              3561               2226                87               618
            NATURAL GAS                      54                10               1816                95               363
            WOOD                           3315                34                262              6881             20448
            TOTAL (RESIDENTIAL)            3692              3645               4308              7077             21565

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 710             20012               8552                29               244
            RESIDUAL OIL                   3526            140352              30340               339              2195
            DISTILLATE OIL                    4                93                 52                 0                11
            NATURAL GAS                       5                 1                741                 3                39
            TOTAL (ELEC GEN)               4245            160458              39685               371              2489

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 28               273                 77                 0                10
            RESIDUAL OIL
                AREA SOURCES                 35               173                100                 0                 9
                POINT SOURCES               316              4144               1522              2336               127
            DISTILLATE OIL
                AREA SOURCES                 31               312                350                11                82
                POINT SOURCES                 8               159                 41              1436                 9
            NATURAL GAS
                AREA SOURCES                  8                 1                618                43                62
                POINT SOURCES                 2                 1                263              1070                35
            OTHER
                POINT SOURCES                 0                 1                  4                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                102               759               1145                54               163
                POINT SOURCES               324              4305               1830              4842               172

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 65               219                 80                 0                 4
            RESIDUAL OIL
                AREA SOURCES                 98               746                287                 6                26
                POINT SOURCES               168              2045                860                48                62
            DISTILLATE OIL
                AREA SOURCES                 46               656                455                 5               116
        ON SITE INCINERATION
                AREA SOURCES              64           16           33           37           89
                POINT SOURCES             10            0            0            6            8
        OPEN BURNING
                AREA SOURCES               7            0            0           14           28
        TOTAL (COMM-INST)
                AREA SOURCES              71           16           33           51          117
                POINT SOURCES             10            0            0            6            8

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              15            2            2           15           26
                POINT SOURCES              2            0            0            2            2
        OPEN BURNING
                AREA SOURCES              14            0            7           22           75
        TOTAL (INDUSTRIAL)
                AREA SOURCES              29            2            9           37          101
                POINT SOURCES              2            0            0            2            2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            2797           98          571         4765        14701
                POINT SOURCES             12            0            0            8           10

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        17484          827        18884        21633       213535
            LIGHT DUTY TRUCKS           6258          418         9061        10015        85920
            HEAVY DUTY VEHICLES         1443          148         4947         4917        78460
            OFF HIGHWAY                   89           46          980         2602        32883
            TOTAL (GASOLINE)           25274         1439        33872        39167       410798

        DIESEL

            HEAVY DUTY VEHICLES         3004         1454        13091         1606         6885
            OFF HIGHWAY                 1015          798         9556         1454         2889
            RAIL                         194          437         2823          687          993
            TOTAL (DIESEL)              4213         2689        25470         3747         8767

    AIRCRAFT

        MILITARY                          43            2           22           50          103
        CIVIL                             12            2           68          201         4048
        COMMERCIAL                         5           10          110           98          304
        TOTAL (AIRCRAFT)                  60           14          200          349         4455

    VESSELS

        GASOLINE                           0           25          133         2947        10490
        TOTAL (VESSELS)                    0           25          133         2947        10490

    TOTAL (TRANSPORTATION)             29547         4167        59675        46210       434510

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     232            0           53          264         1917
    STRUCTURAL FIRES                     320            0           29          236         1290
    GASOLINE STA EVAP LOSS                 0            0            0         5473            0
    SOLVENT EVAPORATION LOSS               0            0            0        15545            0
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*** 010 ***                                                                                                   *** 010 ***
        GASOLINE                         0            14            98          2142          7631
        TOTAL (VESSELS)                  0            14            98          2142          7631

    TOTAL (TRANSPORTATION            51102          5650         82188         68525        657620

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   382             0            92           432          3152
    STRUCTURAL FIRES                   576             0            54           432          2347
    GASOLINE STA EVAP LOS                0             0             0          7587             0
    SOLVENT EVAPORATION L   SS           0             0             0         38057             0
    UNPAVED ROADS                   156543             0             0             0             0
    UNPAVED AIRSTRIPS                   23             0             0             0             0
    TOTAL (MISCELLANEOUS)           157524             0           146         46508          5499

GRAND TOTAL
***********

    AREA SOURCES                    228920         20167        100527        152692        782206

    POINT SOURCES                    33274        180191         73886         82048         88287

    TOTAL                           262194        200358        174413        234740        870493
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*** 011 ***                                                                                                                    *** 011 ***

                                                   NATIONAL EMISSIONS DATA SYSTEM
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                                                   ENVIRONMENTAL PROTECTION AGENCY
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AQCR EMISSIONS REPORT                                                                             RUN DATE:     MONDAY  NOVEMBER 28, 1983
*****************************                                                        AREA EMISSIONS AS OF:    TUESDAY  NOVEMBER 22, 1983
AQCR:178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN                                          POINT EMISSIONS AS OF:     MONDAY      JULY 11, 1983

                                     PARTICULATES           SOX               NOX                 VOC                CO
                                     ************       ************       ************       ************       ************
                                      TONS / YR          TONS / YR          TONS / YR          TONS / YR          TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                   302                820                 89                302               2704
            BITUMINOUS COAL                    71                336                 13                 47                423
            DISTILLATE OIL                     78                896                559                 20                156
            NATURAL GAS                        94                 21               3230                172                646
            WOOD                            16292                173               1286              33828             100542
            TOTAL (RESIDENTIAL)             16837               2246               5177              34369             104471

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  9766             223687              55556                319               1665
            RESIDUAL OIL                      116                150                 68                  6                 30
            DISTILLATE OIL                      0                 94                 54                  0                 12
            NATURAL GAS                         0                  0                  3                  0                  0
            TOTAL (ELEC GEN)                 9882             223931              55661                325               1707

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES               12536              64652               9799                129               1573
            RESIDUAL OIL
                POINT SOURCES                 157               1790                582                 12                 34
            DISTILLATE OIL
                AREA SOURCES                   67                458                516                 19                124
                POINT SOURCES                  36                185                127                  2                 30
            NATURAL GAS
                AREA SOURCES                   69                  8              10361               3224               1310
                POINT SOURCES                  19                 21               1799                 21                160
            PROCESS GAS
                POINT SOURCES                 334               9062               2224                 16                607
            COKE
                POINT SOURCES                 127                122                 57                  0                  1
            WOOD
                POINT SOURCES                  73                  5                 75                 50                125
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   96                466              10877               3243               1434
                POINT SOURCES               13282              55837              14663                230               2530

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  171                570                206                  0                 10
            BITUMINOUS COAL
    RESIDENTIAL (AREA)

        ON SITE INCINERATION               2604                41                 82              7325             21977
        OPEN BURNING                       2587                96                661              3493             11075
        TOTAL (RESIDENTIAL)                5191               137                743             10818             33052

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 17                 3                  8                10                25
                POINT SOURCES                49                 2                911                18                23
        OPEN BURNING
                AREA SOURCES                  9                 0                  2                16                38
        TOTAL (COMM-INST)
                AREA SOURCES                 26                 3                 10                26                61
                POINT SOURCES                49                 2                911                18                23

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  9                 0                  0                 9                17
                POINT SOURCES               203                 7                 64               146              1999
        OPEN BURNING
                AREA SOURCES                 36                 0                 13                58               205
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 45                 0                 13                67               222
                POINT SOURCES               203                 7                 64               146              1999

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               5262               140                766             10911             33335
                POINT SOURCES               306                 9               1050               196              2114

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       38348              1362              30100             41090            418017
            LIGHT DUTY TRUCKS         14595               731              15404             20324            181927
            HEAVY DUTY VEHICLES        1560               122               3773              6911             77070
            OFF HIGHWAY                 122                66               1364              3629             45882
            TOTAL (GASOLINE)          54625              2281              50641             69954            722896

        DIESEL

            HEAVY DUTY VEHICLES        7528              3138              28715              4087             12619
            OFF HIGHWAY                 797               623               7494              1142              2264
            RAIL                       1245              2837              18410              4471              6469
            TOTAL (DIESEL)             9570              6598              54619              9700             21352

    AIRCRAFT

        MILITARY                        149                 9                 77               176               361
        CIVIL                            27                15                124               378              7580
        COMMERCIAL                       27                62                651               576              1790
        TOTAL (AIRCRAFT)                203                86                852              1130              9731

    VESSELS

        DIESEL FUEL                     304               379               2828               707               989
        RESIDUAL OIL                    155              2042                335                20                12
        GASOLINE                          0                18                107              2357              8399
        TOTAL (VESSELS)                 459              2439               3270              3084              9400
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